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CLASS TREADS FLOOR OF SEA TO STUDY FISH

Students Turn Divers to Get First-Hand Knowledge of Subject

WANDER AT WILL OFF THE FLORIDA COAST

University of Miami and Goucher College Use Method in Teaching Zoölogy

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

KEY WEST, Fla.—An eerie world, hidden beneath the crystal waters of the tropical sea, has been opened through the door of a laboratory for the study of marine life, located only a few hours from here by motorboat.

The door is on Loggerhead Key, largest of a group of eight low bars of shell and coral sand. "The Dry Tortugas," Ponce de Leon called them centuries ago, when he discovered them during one of his expeditions in search of the fabulous Fountain of Youth. "Dry," because there was no fountain, nor any fresh water at all, upon them, and "Tortugas" because that is Spanish for sea turtle, of which he is said to have captured some 170 giant specimens on the islets.

Through this door, one finds a world no less strange and interesting than that Alice found through the looking-glass, a luminescent aquasphere.

The diving boat, Darwin, equipped with air pumps and coils of rubber hose pipe, is anchored over a spot not too deep and known to be particularly interesting. Over the side hangs a short ladder. The hose is attached to an 85-pound, dome-like helmet, having a square of plate glass fitted into the front of it.

A helper mans the air pump. The engineer lowers the helmet over one's head until it rests snugly on the shoulders. Instructions to the donner of the helmet are surprisingly brief and simple: "Go where you please and do what you please. When your breath clouds the glass, tip your head; let the water run up inside the helmet, and the glass will clear. When you wish to return, just follow the hose back to the boat."

The adventurer is then helped onto the ladder and told to "let go." Gently as a feather one comes to rest on the ocean floor, so nice is the balance between depressing weight and supporting buoyancy. Immediately one realizes that one has entered an entirely different world. There is not the slightest sound. Looking upward through the plate-glass front of the helmet, the familiar sky is gone. For light there is only an all-pervading

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Dr. Einstein Off on His Journey Back to Berlin

PASADENA, Calif., Feb. 27 (AP)—Dr. Albert Einstein is on his way home today for his apartment in Berlin.

It was a simple, kindly and affectionate adieu that the world-famous physicist yesterday bade the group of natural scientists and research workers with whom he has been thinking for two months.

He leaves his work here as well as taking it with him. Close contact will be maintained with Dr. Einstein by Dr. Walter S. Adams, Dr. Edwin Hubble, Dr. Charles E. St. John and other noted astronomers of Mount Wilson, as also will Dr. Richard Chace Tolman, Dr. Boris Podolsky and Dr. Paul S. Epstein, theoretical physicist. Drs. Tolman and Podolsky are engaged in compiling a study jointly with Dr. Einstein on some phases of quantum mechanics that will be contributed to natural science perhaps this year.

Dr. St. John, one of the most famous solar observers in the world, will soon be on his way to Europe for an international conference on the sun and will do further work with Dr. Einstein at Oxford within two months or so.

Frau Elsa Einstein confided there is really one note of good-by in their leave-taking, that being to the inquisitive newspaper men, of whom, she said, so many knew so little about the processes of Dr. Einstein's thoughts.

Saturday and Sunday will be thrilling days for the professor, she said, for one of his desires will be gratified in seeing beauties of nature, untouched by man, such as await them at the Grand Canyon of the Colorado, and the petrified forest of Arizona. A full day will be spent at Grand Canyon, and a few hours through the petrified forest Sunday.

For the remainder of the trip to New York they will be closeted in their Pullman. Dr. Walter Mayer, collaborator, and Helen Dukas, secretary, both of Berlin, accompany them.

As the train pulled out, Frau Elsa did bid one hearty good-by, as a real welcome separation. That was to photographers.

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President Speeds Up Action in Distributing Bonus Loan

Hoover Pushes Plan Passed by Congress Over His Veto; Urges Attention to Needy Veterans First and Continuance of Relief Work

By ROBERT S. ALLEN
STAFF CORRESPONDENT
SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

WASHINGTON, Feb. 28—Every resource of the Government was today ordered made available by President Hoover to facilitate operation of the new soldier bonus loan law, which was passed by the Senate yesterday over the President's veto.

As a first step the President requested the veterans' bureau to give priority to needy veterans. At his direction special machinery for handling such cases without delay has been organized in the bureau and already is functioning.

While opposed to the measure on the ground of financial and economic unsoundness, once it was enacted the President immediately turned his efforts to making its provisions effective with the greatest possible dispatch.

In a statement issued by him yesterday, following the action in the Senate in overriding his veto by a vote of 76 to 17, the President made known the activities he had initiated for putting the act into operation when it became clear that Congress would not heed his counsel, and was determined to pass the legislation over his protest.

Under the President's program, needy veterans will be given first consideration. Veterans' organizations are coöperating with the Government to this end in two ways, by appealing to service men not to apply for loans unless actually in need and by certifying genuinely needy cases.

While needy veterans are being taken care of the great clerical machinery necessary to handle loans to a potential 3,500,000 eligible borrowers will be organized by the veterans' bureau. This will take many months.

If all the loans are confined to needy

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Monitor News on Air Changes Time Monday

THE Christian Science Monitor news broadcast over radio station WHDH will be from 6:30 to 6:45 p. m. daily, except Sundays, beginning Monday, March 2. The time at present is from 5:45 to 6 p. m.

GENEVA PLANS LIBERIAN RULE UNDER EXPERTS

Prosperous Free Land Is Hoped For in Place of Slave Area

BY RADIO FROM MONITOR BUREAU

LONDON, Feb. 28—Plans for administering the Liberian Government under a corps of international experts are being formulated at a meeting of the League of Nations committee, which convened here yesterday.

It is proposed to place reliable foreign officials—among them there will probably be American Negroes—at strategic points in the Liberian administration. Officers are especially needed in the hinterland where scarcely disguised slavery in its worst forms was revealed by the recent international investigation.

Under guidance of these foreign officials and with the help of an international loan it is hoped to convert Liberia into the prosperous and free community which its name implies.

The American Government is participating in the work of reforming Liberia more fully than in any previous league undertaking through Samuel Reber, former American chargé d'affaires at Monrovia. He brings direct from Liberia a complete dossier of information fully substantiating the slavery revelations of the investigating committee.

Solution of the Liberian problem which is now being hammered out in London lifts a heavy weight of responsibility and embarrassment from the American Department of State. For many years Washington has been troubled by the increasing corruption and backwardness of Liberia.

Because the Republic was founded with American money by freed slaves, the United States has always rather reluctantly stood in loco parentis.

Establishment of the Firestone Rubber plantations and their inability to get adequate labor forced Washington into action at Geneva. Now the League committee, with American coöperation is apparently well on way to clean up one of the most noisome spots on the globe.

Two Revolutions Now Engage Peru

LIMA, Peru, Feb. 28 (By U. P.)—The end of the first week of the revolt last night found the southern rebel leaders still in possession of the cities of Arequipa, Cuzco and Puno and a separate revolutionary movement under way in the north.

Col. Gustavo Jimenez sailed with 1400 troops yesterday for Mollendo, port of Arequipa. The troops will join a cavalry detachment from Tacna somewhere near Mollendo and march on Arequipa, capital of the southern revolutionary government.

Southern Leader Tells Aims of the Revolution

AREQUIPA, Peru, Feb. 28 (By U. P.)—Commander Carlos Beytia, leader of the southern revolt, yesterday explained the aims of the revolutionary movement now under way here.

"It is imperative that we overthrow the tryranny (of the Sanchez Cerro Government) which merely was substituted for the tyranny of former President Augusto B. Leguia," Commander Beytia said. "We demand that elections be called immediately with a secret, compulsory vote, thus insuring the representation of the minorities; that the Government establish a form of taxation falling lightly on small incomes, heavily on big incomes, luxury articles and large aggregations of capital and establishment of a council of state to prepare a new Constitution," the revolt leader declared."

CANADIANS BAR SOVIET LUMBER, COAL AND PULP

Government Is Convinced of Forced Labor and Low Standards

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

OTTAWA, Feb. 28—The Canadian Government has prohibited the importation from Soviet Russia of coal, wood pulp, pulpwood, lumber and timber of all kinds, asbestos and furs, it was announced yesterday by E. B. Ryckman, Minister of National Revenue. He said that the Government had decided to do this "in the public interest," following receipt of documentary and other evidence, and with the authority it holds under an amendment to the Customs Tariff Act to prohibit importation from any country not a contracting party to the Treaty of Versailles.

"We are convinced that there is forced labor in the cutting of timber and in the mining of coal," Mr. Ryckman said, "that political prisoners are exploited, that the standard of living is below any level conceived of in Canada and that, broadly speaking, all employment is in control of the Communist Government, which regulates all conditions of work and seeks to impose its will upon the whole world."

Mr. Ryckman concludes his summary of Russian trade delinquency with the words "this is Communism, its creed and its fruits, which we as a country oppose and must refuse to support by interchange of trade."

An analysis of trade figures for the year ending March 31, 1930, shows that Canada imported from Russia 114,724 tons of anthracite valued at $683,404; furs, $218,426; and all other commodities $7685. In the summer and fall of 1930, however, shipments of anthracite substantially increased so that for the year ending Dec. 31, imports had become 280,000 tons, valued at $1,650,000 and forming five-sixths of the total imports.

In 1929, Canada sold to Russia goods valued at $3,403,800, and in 1930 at $1,689,500.

Talking Peace, Preparing War Called Europe's Greatest Peril

As the statesmen have been meeting at Geneva to discuss a United States of Europe and to fix the date for the World Disarmament Conference, big movements and big changes are afoot. In drawing up a survey of Europe's prospects for the year 1931, Mr. Huddleston has endeavored to eliminate the more extreme views of pessimists and optimists alike and to strike a fair balance, showing that while conditions are unquestionably critical, the movement for unity and coöperation is gaining strength.

This is the last of a series of six articles on Europe at the Crossroads, previous articles having appeared Jan. 19, 27, 28, Feb. 5 and 16.

By SISLEY HUDDLESTON
STAFF CORRESPONDENT
SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

PARIS — The contradiction between words and facts in Europe appears frequently to go unnoticed. Thus—to give one example—a European statesman with solemn voice and dramatic gestures cries: "No more cannon! Behind us all war weapons!" And then his country announces that it is fortifying its frontiers with steel and concrete. It is possible that the public does not consciously observe the contrast between affirmation and performance, but unconsciously, at least, it observes. It becomes skeptical. The excessive promises have made it incredulous, and that is the very worst mental state to engender in the European peoples. They almost begin to prefer the rhetoric of Signor Mussolini who extols the beauty of cannon. At least, they think, that is honest.

The point is a very important one. It may well be that peace is a shy bird that is frightened away by our loud laudations of it. Is it perhaps not time to begin to take it for granted, and to organize Europe practically and not merely oratorically?

Speech making, which goes beyond the realities eventually defeats its own purpose. The League itself is beginning to be criticised on the ground that it is too complacent. Doubtless it must proceed cautiously and not abruptly; but eventually its function is, among other things, to uncover injustices, anomalies, and contradictions. It cannot afford to conceal or even to countenance alliances on the old pattern, or diplomatic intrigues which are carried on behind its façade, or the continued expenditure on fortifications and armaments which presupposes another war for which it is necessary to prepare.

For if the nations, under cover of peace talk, prepare war, not only will the League be discredited as a peace institution, but it will bear a heavy responsibility for any conflict which ensues.

In concluding this short series of articles on the present position of Europe, I have felt it my bounden duty to point to the danger that is most apparent to me, namely, that of

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WAR PREVENTION FOUND TO HINGE ON HOME IDEALS

World Citizenship Stressed by Scots Educator at Detroit Convention

By MILLICENT J. TAYLOR
STAFF CORRESPONDENT OF THE CHRISTIAN SCIENCE MONITOR

DETROIT, Feb. 28—Wars between nations and peoples originate in the home, in the opinion of Dr. William Boyd of Glasgow, speaking on international coöperation before the conference of the Progressive Education Association here.

"Wars are not made over statesmen's desks, as is so often said. The place where they are brewed is within the home and within the school. For, as the child reacts to the human personalities, conflicts and adjustments within home and school, so the adult he later becomes, and likewise the humanity of which he is a member, will react to similar personalities, conflicts and adjustments of the nation and the neighborhoods of nations that make up the world," said Dr. Boyd.

International citizenship is essentially a matter of home training and school experience, Dr. Boyd pointed out. The child who is helped to overcome any resentment he feels at certain minor conflicts with his brother or parents, and who is taught to take fair and impersonal steps to adjust the situation—"even before he feels like taking them"—is laying foundations for international harmony more surely than does many a statesman.

The home must realize its importance in this international work, just as must the school, it was said. "The child needs to learn first the meaning of 'family' in workable relationships and coöperative, purposeful action. He must then be taught to realize that there is only one great family, with God as his true father," were Dr. Boyd's own words.

"This sense of human brotherhood, achieved through education in home and school, can be presented only by teachers and parents who themselves have world vision, and are part of a world movement," he said.

Dr. Boyd spoke as an active member of the New Education Fellowship, an organization of the progressive or new education throughout Europe, Asia, South America and Canada. He expressed the conviction that the old type of education cannot build up in the child this world-citizenship viewpoint.

"Traditional education has three stupidities which make it inadequate to build a new world," he said. "First is the attitude that the child must be made to take in a certain prepared bulk of adult material, much of it beyond his years and desires, with the result that he is 'indoctrinated' with it.

Lock-Step Education

"Second is the emphasis upon mass production, with the result that he goes through school in a lock-step march.

"Third is the system of assigning unmotivated, unwanted tasks, with resulting dullness and boredom on his part." These three "stupidities," cast off by the new or progressive education, necessitate looking to the new education for positive teaching in world citizenship.

Dr. Boyd expressed the opinion that the troubles that beset the modern industrial system, and also modern nations, are the same "stupidities" that beset the old type of education. The assigning of tasks, for instance, when carried into international fields, resolves itself as in the case of the school, home or factory, mere-

(Continued on Page 2, Column 4)

Explorers on Trail of Lost Capital of Sargon, Great Assyrian War Lord

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

LONDON—The entrance of a large temple, with walls more than 12 feet thick, has been laid bare at Kish, near the site of Babylon, by the Oxford University and Field Museum's expedition. Sir Charles Marston, speaking on the find here, said that it had not been possible yet to determine the age of this building, but it was probably the temple of Ararn, which must have been a ruin long before Nebuchadnezzar was King.

The expedition had found and pierced the northwest gate of the temple built by Nebuchadnezzar, and the workmen were trenching the great temple court. This had a brick pavement laid down by that king about 140 feet square. Here they had found inscribed tablets of the time of Sargon, namely, 2800 years ago.

Early Sumerian inscriptions, silver and gold works of art of that age and cylinder seals of various periods, had also been found.

It was the finding of some tablets last year, said Sir Charles, which caused Prof. S. Langden, the leader of the expedition, to believe that Sargon's long-lost capital of Agade must be somewhere near Kish and might even be within the ruins of Kish itself. This last find was more evidence in support of that theory. Tombs of the early Sumerian period had been found 25 feet below the level of the desert. Two of these contained chariots with their oxen and drivers similar to those already discovered not very far away to the north. Sir Charles said that it looked as if the expedition was on the verge of great discoveries.

Naval Accord Widens Scope

THE Anglo-Italian naval accord opens the way to end Italy's long dispute with France. A five-power limitation pact, completing the work of the London Naval Conference of January, 1930, would then be possible.

France, with whom Britain has reached a corresponding accord, has claimed naval preponderance over Italy, having to patrol three seas.

Italy, locked in the Mediterranean, and with coal and food to import and greater expansion overseas to prepare for, has refused anything less than equality.

At London, Italy said: Any reduction, provided parity is conceded. France had then 681,808 actual tonnage, rising to 724,000 by 1936. Italy had 375,000, actual, and refused to divulge its program until ratios could be agreed upon.

France and Italy, therefore, did not sign the general limitation agreement reached between America, Britain, and Japan. Since then efforts to arrive at an understanding have been repeatedly made with British and other intermediaries.

The Franco-Italian controversy has also its territorial aspect, arising from points left unsettled from the peace treaties and from concessions subsequently made to Italy by France, this being considered an insufficient compensation for war engagements.

The projected naval agreement with France would require the approval of America and Japan.

GRAIN CONGRESS REACHES ACCORD ON MAIN LINES

European States Agree on Preferential Treatment Regarding Tariffs

BY CABLE FROM MONITOR BUREAU

PARIS, Feb. 28—The first concrete steps toward definite settlement of economic problems in conformity with the European federation plan were taken at the wheat conference just concluded here.

The meeting of the representatives of 11 countries was held under the auspices of the Committee on European Union to determine the best methods of disposing of future grain surpluses. It followed a conference charged with finding a plan to dispose of existing surplus stocks.

"We've launched a good ship well manned and equipped," said Aristide Briand, French Foreign Minister, honorary president of both conferences, lapsing into the terminology of the important naval conversations in which he has been engaged as he addressed representatives of the world press on the grain conference's accomplishments.

European states have done their best to help each other by agreeing in general terms that importing countries will absorb as much of exporting states' grain as possible and even give them preferential treatment with regard to tariffs and transport so far as engagements with other countries permit.

When the International Institute of Agriculture convenes at Rome March 26, European states will try to obtain the coöperation of overseas countries in solving the world grain problem.

There Canada, the United States, Australia and Russia will hear the conclusions now arrived at. They will be asked to relinquish their claim to most favored nation treatment by countries who are pledged to it by treaty only to the extent that small quotas of Danubian wheat may be admitted to importing states of Europe under conditions of preference.

That the Paris conferences have made some progress, as M. Briand maintains, toward European good will and economic solidarity meets with few denials. They have provided both exporting and importing states with more accurate information than they have had before about crops and markets.

They have shown the need for an international institute for granting agricultural credits, which, according to M. Briand, need not conflict in any way with such international credit establishment as that proposed by Montagu Norman, governor of the Bank of England, which makes loans, not only for agricultural, but for other developments.

Further discussions of the European grain question previous to the Rome conference March 26 will take place in Geneva March 16 and in Paris March 23.

COSTA RICA PLANS STRICT ALIEN LAW

SAN JOSE, Costa Rica (By U. P.)—Octavio Beeche, Minister for Foreign Affairs, has drafted a proposed bill to be considered during the present special session of Congress, which provides for the exclusion of foreigners, principally Europeans, who have heretofore enjoyed unrestricted rights of entry into the country. The bill also makes the naturalization laws more rigid.

During the past year a large number of Jamaican and other West Indian Negroes and Chinese have been naturalized. A number of Poles, Russians and Syrians have also been naturalized as Costa Ricans in recent years.

'RED' AGITATORS IN LAWRENCE STRIKE ARE HELD

Three Leaders Arrested as 'Undesirable Aliens' Are to Be Heard Monday

All three "Red" agitators in the Lawrence textile strike, Patrick Devine, Ethel Berkman and William T. Murdock, who were arrested on warrants from Washington by immigration officials as "deportable aliens" will remain in the detention pen of the East Boston Immigration Station until Monday.

Mrs. Anna C. M. Tillinghast, Commissioner of Immigration, said today that a hearing would be given Monday at which time the question of bond for the release of the three detained aliens will probably be settled.

George Parker of the Law Department of the service, granted a preliminary hearing to Mr. Devine early this afternoon.

Last Group of Strikers Votes to Return to Work

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

LAWRENCE, Mass., Feb. 28—More than 300 employees of the American Woolen Company, comprising those who followed outside strike activities until the end, voted late last night to return to their work in the Washington and Ayer Mills Monday morning.

The strikers were addressed by organizers of the National Textile Union, who urged them to spread the gospel of the union throughout the mills. They promised that other organizers would be sent here to take the place of Pat Devine, of Philadelphia, and Miss Edith M. Berkman of San Francisco, Calif., who were taken into custody yesterday by federal immigration officers on charges of being undesirable aliens.

Employees of the Pilot Radio Tube Corporation, who have been on strike for the past few days, announced to their standing committee that they would return to work on Monday morning. The end of the strike was brought about through the Citizens' Committee, which played a prominent part in bringing about an end to the textile strike in the American Woolen Company mills during the past week. This committee acted as intermediary between officials of the company and employees at a conference which was held yesterday afternoon.

In returning to their jobs, the strikers have announced they are going back on a two weeks' trial, during which time officials of the company agree to better conditions in their plant and a readjustment of the wage scale.

Reich Government Acts to Expedite Polish Trade Pact

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

BERLIN, Feb. 28—The German Government intends to ask the Reichstag for permission to put commercial treaties into operation without waiting ratification by Parliament, the correspondent of The Christian Science Monitor learns.

This would be regarded only as a temporary measure as long as political conditions in Germany are still under the strain of marked radicalism. Specifically such permission would enable the Chancellor to make the German-Polish commercial treaty immediately operative, ratification of this compact seeming unlikely under present circumstances.

The agrarians, who are obtaining considerable help from the Government, are much opposed to this treaty owing to the lower prices of Polish farm products. Nationalist circles also are opposed to it for political reasons, as they are openly hostile toward Germany's eastern neighbor.

Industry, however, has been demanding for some time that an end be put to the commercial war between Germany and Poland which has damaged Germany's export trade. Moreover, the Social Democrats press in this direction and the Government needs their support for a new bill which is to empower it to raise import tariffs at will.

It is difficult for the Labor Party to grant the Government such authority which may increase import tariffs on foodstuffs precisely at a time when the masses are demanding lower prices. But the Labor Party seems disinclined to desert the present Government, which it regards as the last bulwark against Fascism.

ECUADOR BANS SHOE ENTRY

QUITO, Ecuador, Feb. 27 (By U. P.)—A presidential decree issued yesterday prohibits the importation into Ecuador of all classes of shoes, as well as lard and vegetables.

FIVE-POWER PACT NEAR COMPLETION AS ITALY AGREES

Henderson Succeeds in Conciliating Naval Tonnage Differences of French and Italians; on Way Back to Paris

PLAN NOW AWAITS ACCEPTANCE BY OTHER TREATY SIGNATORIES

Settlement of Details Only Remaining Step in Carrying Out Purpose of London Treaty; Good Will Credited With Aiding Negotiations

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

ROME, Feb. 28—Agreement "in theory" on questions left outstanding at the London Naval Conference has been reached between the Italian and British Governments, it was made known this afternoon by Arthur Henderson, British Foreign Minister, a few minutes before his departure for Paris. Formal approval of the plan by France, Britain, Japan and the United States will change the present three-power pact to a full five-power treaty.

Interviews which Dino Grandi, Italian Foreign Minister, had with Benito Mussolini, Premier, and Mr. Henderson yesterday and today, show that the Italian Government was very anxious to come to an understanding which would not only prevent France and Italy from a dangerous armament race, which would inevitably have followed failure of these negotiations, but would finally enable Italy and France to adhere as full partners to the London Naval Treaty, signed last April.

The statement read by Mr. Henderson shows that the agreement reached in Rome differs on some points from that arrived at in Paris, as "the terms proposed in the agreement have still to be submitted to the French Government."

It is believed, however, that the agreement which Mr. Henderson will bring with him to Paris will be found acceptable by the French Government, and Mr. Henderson himself was very optimistic about his mission.

No details of the agreement reached have been made public, as not only the French Government has still to agree on the new proposals, but these proposals must be submitted to the Governments of the United States, Japan, Britain and the British Dominions which were represented at the London conference.

Mr. Henderson does not expect to meet serious difficulties in Paris, and he hopes to be able to report to the British Cabinet on the Anglo-Franco-Italian agreement Tuesday, and submit the agreement to the House of Commons Wednesday or Thursday.

The greatest satisfaction is expressed in Italian official circles at the agreement, which not only is important in itself, but actually marks the turning point in Franco-Italian relations. Only a few days ago Signor Mussolini remarked that none of the problems that were still dividing France and Italy could be settled before an agreement was reached on the naval question. Now, with that latter problem happily solved, it will be much easier for both the Italian and French Governments to negotiate an all-round agreement which would restore tranquillity in one of the most dangerous zones in Europe.

The favorable result of Mr. Henderson's mission in reconciling the French and Italian naval standpoints, largely is due to the good will both Governments expressed, as well as the cordial collaboration which was clearly manifested during the last few weeks. Moreover, the adhesion of France and Italy to the London treaty greatly facilitates negotiations now in progress for a general disarmament conference.

The Italian contention has been that Italy must have parity with France because of its "locked" position in the Mediterranean, while the French demanded additional tonnage for Atlantic and colonial waters.

Concerted Move in Legal Fields Asked of States

Plan for Needed Reforms Launched at Session of Legislators

SPECIAL FROM MONITOR BUREAU

CHICAGO, Feb. 28—In line with its purpose to promote better state government, the American Legislators' Association has completed plans for spurring the 48 states to concerted action looking toward "practical improvements in state legislation."

Launching its program yesterday, the association announced formation of 12 advisory boards composed of outstanding national authorities in each of the principal fields of legislation, which will coöperate with an equal number of committees of state legislators. These fields of legislation, on which the association will focus attention in each state, include taxation, crime, health, labor, courts, administrative efficiency, transportation, legislative efficiency, agriculture, education, and social welfare.

Stressing the need for coöperation between the legislators of the various states, Henry W. Toll, director of the association, said that "Legislative conditions are universally unsatisfactory. But by no amount of effort can these conditions be improved without a concerted effort in which the lawmakers themselves join.

"Our program is designed to use every means for welding a closer feeling of coöperation between the states, to the end that there may be a general legislative improvement and a reduction in the bulk of the statutes which have already been enacted by each commonwealth."

The objective of the association, according to Mr. Toll, is "for every state, legislators of the best type, efficiently organized; for every legislator, adequate expert advice and the best of information." The association, which recently brought its headquarters here from Denver, is now offering the service of an interstate legislative reference bureau, which, the announcement said, "is ready to relay to each of the 7500 state legislators the best unbiased information and advice available on all legislative problems."

Nearly 500 legislators from the advisory council of the association. As a part of its program the association plans to sponsor five annual conferences as follows:

An annual conference open to all legislators.

An annual interstate legislative assembly made up of 96 delegates, one elected by each branch of each Legislature, to consider uniform laws and interstate compacts.

An annual conference of legislative reference bureau directors from the individual states.

A conference of each of the association's 12 standing committees to be held at the time of the annual meeting of the leading national organization in its field.

$358,000,000 Navy Bill Sent to Hoover

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 28—President Hoover received the $358,000,000 navy appropriation bill for his signature today. It is the last of the major appropriation bills to complete the gamut of congressional action.

Acceptance by both House and Senate yesterday of the conferees' compromise report came only after the President had taken a hand in the matter. An unofficial breakfast conference yesterday morning was followed shortly by House approval. The Senate acted favorably a couple of hours later.

The deficiency supply bills remain to be passed. Otherwise the congressional calendar is cleared of the vital bills which would have threatened an extra session had they remained unpassed.

GOVERNOR DAVIS ON TOUR OF ORIENT

MANILA, Feb. 28 (AP)—Gov. Dwight F. Davis sailed today on the cruiser Pittsburgh on a six weeks' good will tour of the Orient. He was accompanied by several Philippine Government officials. Dwight F. Davis Jr. and Miss Cynthia Davis, the Governor's son and daughter, also were members of the party.

Vermont Governor Seeks Milk Outlet

Gov. Stanley C. Wilson of Vermont, interviewed in Boston today, declared that farmers in his State feel that they are carrying an unfair proportion of the burden of surplus milk. He described their problem as not one of extremely low price, but as the inability to dispose of all their product at the current prices.

"Vermont does not fear the invasion of western milk brought into eastern markets by tank car," Governor Wilson explained in answer to a query, "Because we are keeping abreast of the times in matter of quality product. Within two years the government inspected cattle on Vermont hillsides will be among the purest milk producers to be found anywhere, and western milk will have a hard time meeting the quality of Vermont milk.

"If the problem of surplus could be met with a system of equal distribution, Vermont farmers would all benefit."

BANK SUPERVISION PLANNED IN PERU

LIMA, Peru, Feb. 27 (By U. P.)—The governing Junta yesterday established a superintendency of banks which will control all banks in general on the recommendation of the financial mission headed by Prof. E. W. Kemmerer, Princeton, N. J., economic expert. The new department will supervise liquidation of the Bank of Peru y Londres.

Establishment of a superintendency of banks is the first step taken by the Revolutionary Government for financial reform of the country since the arrival of Professor Kemmerer six weeks ago.

WORK INCREASE IN UNIONS CITED BY FEDERATION

Unemployment Rise Is Checked Among Members, Green Announces

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 28—Added evidence that the bottom of the industrial depression has been reached is found in reports coming to the American Federation of Labor from all parts of the country. The first check in the rapid rise of unemployment since October was noted this month.

Reports from 2192 unions with 803,000 members show a decrease in unemployment affecting .7 of 1 per cent of their membership in the first half of February. The federation's weighted figure for the percentage out of work was 19.8 in January and 19.1 per cent in the first half of February.

"Although our figures show a check in the rise of unemployment, there has been no significant improvement as yet," William Green, president of the federation commented. "Betterment," he declared, "is not likely to come for several months. Last year March and April were the months of highest relief needs, when more families were dependent on charity than in the earlier winter months."

The federation estimates that 5,770,000 persons were out of work in February, compared with 5,870,000 in January. This figure does not include office workers or farm labor. In the first half of February 52 per cent of the wage earners were reported out of work, 35 per cent in garment trades and textiles, and 29 per cent in the metal trades.

Mr. Green characterizes as "most untimely" the increase in wage cuts reported for January by the Department of Labor. Wage cuts last month were nearly three times as numerous and affected nearly twice as many employees as in any month since the depression began, according to the department's figures. In January, 335 of the firms reporting to the Department of Labor reduced wages, the cuts affecting 43,000 employees.

"Wage reductions did not cure the business depression in 1921," Mr. Green declared. "Depression," he said, "lasted 12 months after the 'liquidation of labor.' Workers' incomes today are 37 per cent below the level in factories and 21 per cent below on railroads. Wage cuts project these losses into the future, and lower standards and buying power for a long time to come. Have warnings been in vain? If wage cuts continue we will limit our ability to pull up quickly from this depression."

ACADIA NATIONAL PARK DISCUSSED

WASHINGTON, Feb. 28 (AP)—A delegation of Maine congressional representatives, headed by Senator Hale, called on President Hoover today and discussed development of the Acadia National Park at Bar Harbor.

John D. Rockefeller Jr. recently withdrew an offer of several million dollars to develop the park because of protests from citizens of Maine. Senator Hale said, after the conference, he and his colleagues hope to persuade Mr. Rockefeller to renew his offer, and in their discussion with the President they talked of plans for the future development of the park.

TEXTILE PLANT GOES TO RECEIVER

PROVIDENCE, R. I., Feb. 28 (AP)—The Manville-Jenckes Company, one of New England's largest textile operating plants, with mills in Rhode Island and Gastonia, N. C., was placed in the hands of temporary receivers today under a petition granted in Superior Court here.

Liabilities amounting to $2,900,000 in outstanding demand notes, for which creditors are pressing, were cited in the petition for receivership, which was sponsored by three stockholders as a reason for their action. The company employs 6500 operatives, about 4000 in Rhode Island, and operates 5770 looms and 25,646 spindles in this State.

THE CHRISTIAN SCIENCE MONITOR

Founded 1908 by Mary Baker Eddy

AN INTERNATIONAL DAILY NEWSPAPER

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Reduction in Coal Prices Forecast

With the usual spring reduction of coal prices only a month away, New England coal merchants are slow to make new commitments for anthracite. Boston coal firms have received advices from Pennsylvania mine districts, indicating that the anthracite operators there are to make a reduction this year, of greater proportions than in recent seasons.

Reports come that egg and stove sizes are to be cut $1.90 per gross ton mines, making the price at the mines, $6.85 for egg and $7.35 for stove. On nut size, a cut of $1.55 is coinsidered, making the April 1 price, $7.10 gross ton mines, according to the reports. It is also intimated that pea size will not be reduced in price April 1, but will be advanced 20c a ton each month until September which, if adopted, would bring the price on pea $6 a ton at the mines, or $1 higher than now. Buckwheat size is likely to be advanced $5 a ton it is understood.

Usual custom is to cut the price in April on all-sized domestic anthracite, and advance it a little each month to September, when the peak price for the year is quoted. Consumption of pea and buckwheat-sized coal has increased substantially in recent years, owing to the low prices of these sizes.

Tidal Currents Chart Is Issued

Charts showing at a glance what the currents of Boston harbor are doing at each hour are contained in a special 12-chart booklet, just printed by the United States Government, it was announced today by Robert F. Luce, officer in charge, of the Boston office of the United States Coast Geodetic Survey.

Mr. Luce considers these charts to be one of the most valuable contributions to shipping, yachting and engineering that has been offered by this branch of Government service for a long time.

Surveys for the Boston charts were made at intervals over a two-year period, and the data have been carefully prepared to enable those who use the charts to find exactly how strong all harbor currents are, the direction they move in, and other detail at any hour of any day of the year. By looking up the hour of high tide for the day desired, it is possible to consult one of the 12 charts covering the number of hours after high tide which corresponds to the time of date which is desired.

NEED OF TRAINING FOR LEISURE URGED

One of the world's great problems is the training of persons in the best use of the leisure time they are to have in the future, according to Henry I. Harriman, president of the Boston Chamber of Commerce and chairman of the board of trustees of the Boston Elevated Railway. In delivering the third Alfred lecture of the year at the Massachusetts Institute of Technology yesterday afternoon he advocated the five-day week.

He declared the present depression to be the most serious drop we have had. Unless industry solves the unemployment problem, he added, the states will be looked upon to conduct private business. He declared that would be Socialism in effect.

WILLIAMS GLEE CLUB WINS

HARTFORD, Conn., Feb. 28 (AP)—The Williams College Glee Club won the sixth annual intercollegiate glee club contest here last night with a score of five points more than Wesleyan University and seven points over Amherst. Other competing clubs were from Worcester Polytechnic Institute, Bowdoin, Massachusetts Institute of Technology, Boston University, University of Vermont, Clark University, Middlebury College and Trinity College.

The Stampede



BONUS LOANS SPEEDED UP BY PRESIDENT

(Continued from Page 1)

cases, the President declared, on the basis of a survey by the bureau such demands will be held down to 10 per cent of the former service men holding adjusted compensation certificates.

The President took occasion to commend the various veterans organizations for coöperating with the Government in urging service men not to take advantage of the loan provisions unless in real need. By doing so, he pointed out, they will materially assist the Government in making the act effective for those in whose interests it was primarily passed.

On the basis of a survey Brig.-Gen. Frank T. Hines, Administrator of Veterans' Affairs, has informed the President that approximately 272,000 veterans are receiving aid from organized charity. These men under the President's plan would be given first consideration under the new act.

The President urged, however, that local committees should not cease their activities in assisting the former service men. He declared that the measure will relieve some of the burden carried by them, but as the amount possible for many veterans to borrow is small, it is necessary that local committees keep up their relief work.

The President's statement was as follows:

"Although I have been greatly opposed to the passage of the bonus legislation in its provision for loans from the Treasury to people not in need, now that it is law we propose to facilitate the working of it in every way possible.

"Inasmuch as the physical task of making loans to 3,500,000 veterans, or even half that number who might apply, will require many months even with the most intensive organization, I have requested General Hines to give complete priority to applications from veterans who are in need, and have asked him to set up some machinery for the certification of these cases, especially giving regard to the certification of the veterans' service organization and the various relief organizations dealing with unemployment.

"The recent surveys of the larger cities show, in the opinion of the Administrator of Veterans' Affairs, that about 6 per cent of the total number of veterans in industrial centers are now receiving support from the local unemployment and other relief committees.

Amount Small

"This bill will relieve some of the burden now being carried by these committees, but as the amount possible for many veterans to borrow under the bill is so small, it is urgently necessary that the local committees shall continue their service to many veterans.

"I wish to compliment the veterans' service organization for their cooperation in undertaking a campaign amongst all veterans, urging them not to take advantage of the loan provision except in cases of absolute necessity.

"I understand they are placing it on the ground of assistance to the Federal Government in minimizing the amount of money we shall be called upon to borrow and upon the fact that loans upon the bonus certificates exhaust the protection of veterans' families under the endowment insurance features of the certificates.

"Taking General Hines's survey of the number of veterans being assisted by local committees as a basis, it would appear that if all the loans were confined to needs, the drain on the Treasury may be limited to 10 per cent of the potential liability created by the law."

The first check under the new soldier bonus act was mailed out by Col. George E. Ijams, director of the veterans' bureau, within a few minutes after the Senate had concurred in the House's rejection of the President's veto. The check was for $432.50 and went to a Baltimore (Md.), applicant.

There are 52 regional offices of the veterans' bureau scattered throughout the country. Each has orders to speed up its work in putting the new act into operation.

Those who voted to sustain the President's veto in the Senate were:

Republicans—Bingham, Connecticut; Borah, Idaho; Fess, Ohio; Goff, West Virginia; Gould, Maine; Hastings, Delaware; Hebert, Rhode Island; Metcalf, Rhode Island; Morrow, New Jersey; Moses, New Hampshire; Phipps, Colorado; Reed, Pennsylvania; Smoot, Utah; Walcott, Connecticut; Waterman, Colorado, and Watson, Indiana (16). Democrat—King, Utah (1).

WAR PREVENTION FOUND TO HINGE ON HOME IDEALS

(Continued from Page 1)

ly into the determination of one mind to control another: "Mind controlled from without, as in the big nation controlling the small nation," he said.

Need of World Viewpoint

A vigorous appeal to achieve a world viewpoint individually and to help every child to achieve it, was made by Dr. Harold Rugg of Rye, N. Y.

"Shall our thinking be narrow materialism and chauvinistic nationalism or a world-wide internationalism?" asked Dr. Rugg. Following a swift survey of the growth and spread of the ideal of nationalism in the industrial nations of the western world, and expressing a conviction that national selfishness still dominates the masses of western peoples, Dr. Rugg attacked what he called the blind educational statesmanship of teachers and schools.

"Let us organize our dynamic activities, build our libraries, install motion picture facilities—use every means to set forth an adequate description of the nations of the world. Let us teach youth that masses of the people everywhere are against war, that people the world around desire international coöperation. Let us show the marked increase in speeding enlightenment among people of industrial nations. Let us show the marked trend in social and economic matters." These are a few of the suggestions given by Dr. Rugg to the educators of the citizens of tomorrow.

World League for Education

An educational "league of nations," equipped with adequate secretarial and research commissions is the plan for international coöperation proposed to the conference by Dr. Rugg.

This "educational league of nations" would include members from the Progressive Education Association and the New Education Fellowship, representing the countries of the world wherever teachers of the new type of education are organized. Canada, Mexico, several South American republics, India, Japan, and almost all the European countries would be represented, in addition to the United States.

The plan is less Utopian than it sounds, it was pointed out, for with the two existing educational associations already mentioned, a portion of framework and foundation is already on hand. A similar suggestion for international educational coöperation was based upon the organization scheme of the Foreign Policy Association. This plan, however, would cover all organizations concerned with any form of education in its fresher aspects, rather than merely the two associations mentioned in Dr. Rugg's proposal.

Official expression of opinion concerning these two plans closed the major part of the three-day conference. Further action on international organization will come up before the biennial convention of the New Education Fellowship of the World, to be held in Lyons, France, in 1932.

Registered at the Christian Science Publishing House

Among the visitors from various parts of the world who registered at the Christian Science Publishing House yesterday were the following:

Jeannette Webb, Revere, Mass.
Mrs. Cornelia E. Bailey, Charlevoix, Mich.
Mrs. C. E. Beinkamp, Cincinnati, O.
Mrs. Jenny H. Moore, Quincy, Mass.
William Moore, Quincy, Mass.
Mrs. Margaret Gillies, Quincy, Mass.
Mrs. Harriet Amnelius, Braintree, Mass.
Thirsa K. Palmer, Wellington, New Zealand.
Miss H. Frances J. O'Brien, So. Orange, N. J.
Paul E. Rumpel, Watertown, Wis.
H. J. Bradshaw, Mt. Vernon, N. Y.

Electrical Equipment Buying Is on Upturn

A DEFINITE upturn in electrical equipment buying is reported by the Electrical World. Pending negotiations hold promise of a still further improvement in this line of business, the publication says.

In the eastern district there has been an increase in commitments from industrial companies, and promising business is in sight in railway electrification work.

Railway equipment buying in the middle West has gained, and activities of major lines of industry have been stepped up. On the Pacific coast, also, a better demand for electrical equipment is developing.

The Dance

A Denishawn Evening

Ruth St. Denis, Ted Shawn and the little troupe of dancers known as Denishawn, made their annual visit to the Boston Opera House last evening, presented this time by the Miriam Winslow School of the Dance, successor to the lamented Braggiotti School, and like them, disciples of the Denishawn cult.

After so much revolutionary dancing in Boston this winter, these darlings of society appeared with subdued effect. A hint of modern methods glimmered here and there, in some of the work of Ted Shawn and in the greater simplicity of the settings. But it was a glimmer by reflection, not the light itself.

Ruth St. Denis's new version of Strauss's Salome in "The Dance of the Seven Veils" was disappointing. Apart from the unfortunate beginning which a refractory gramophone caused her, first by refusing to go at all, and then playing, now with a frog in its throat, now with a knock in its engine, the choreography seemed imperfectly conceived. Miss St. Denis appeared to dance with effort, without fluidity. The play of numerous scarves and shawls, picked up from various places on the floor, reminded one of a little girl giving a home-entertainment in some of grandmother's finery, and being not quite certain what she was going to do next.

Her new "Nautch" dance was also disappointing. The variegated pastel costume gave her the aspect of a children's May-pole, and a not too animated one, either. Her motions were stiff, lacking freedom. It has long been a failing of Miss St. Denis to fuss overmuch with draperies. Too many garments to be careful about, however gorgeous in themselves, blur the flow of gesture.

Ted Shawn also brought new dances. An interpretation of Scriabin (if Scriabin can be interpreted), "The Divine Idiot," was perhaps the most thoughtful; the "Four Dances based on American Folk Music" the most acceptable. His "Mevlevi Dervish," derived unmistakably from Mary Wigman, was a remarkable tour de force, displaying endurance, vitality and skill. With the aid of spotlight and drums, it became almost sensational. But it remained a copy.

The Wigman influence was also in evidence in the use of percussion instruments. Here again one got the flavor of imitation; of literalness and lack of true imagination.

Ernestine Day, the sub-star who dances with Mr. Shawn in Miss St. Denis's former place, is a pretty girl and a graceful dancer, without brilliance, without that certain something that puts dancers on the top of the list. The "American Indian Dances" (duet) were attractive. The "Hispanic Suite" won the favorable attention of the audience, possibly because of Mr. Shawn's willful vaudeville touch. It is a marring element in much of his work.

The ensemble of young Denishawns danced pleasingly, without distinction. The Misses Beck, Tinker and Hinman wove glittering geometric patterns, in frost cold costumes, to Erik Satie's "Pièce Froid."

Many of the more familiar dances were also given. It was an evening over-full for the encores which were inserted here and there. M. L.

The Progressive Education Association

What membership offers YOU

1. Subscription to PROGRESSIVE EDUCATION—the magazine for the alert teacher and parent.
2. Service in solving school and home problems.
3. Aid in securing school positions.
4. Attendance at the Annual Conference.
5. Participation in a world-wide movement to promote a better understanding of the child and to create proper school and home conditions in a modern age.

Third Annual Institute of Progressive Education.

Syracuse University, Syracuse, N. Y. July 6—August 14

For particulars about the Institute and membership in the Association address THE PROGRESSIVE EDUCATION ASSOCIATION, 10 JACKSON PLACE, WASHINGTON, D. C.

INSULL IS HOST TO EXECUTIVES OF PROPERTIES

Utility Genius Marks His Fiftieth Year in the United States

CHICAGO, Feb. 28 (AP)—A man who still takes notes in shorthand and works eight hours a day after a half-century of empire building that has made him many times a millionaire, was host today to 700 executives who help administer his vast holdings.

He is Samuel Insull, probably the greatest living single figure in the world of public utilities. In the 50 years since he came to America from London to serve as private secretary to Thomas A. Edison, Mr. Insull has, through financial genius and daring, built an empire of electricity and gas that extends through 28 states of the United States and in Canada and England, employing 72,000 persons and serving heat, light and transportation to uncounted millions.

The aggregate securities of the various groups under his name have a market value of more than $3,000,000,000.

The part played by Thomas A. Edison in Mr. Insull's career will be remembered at a banquet tonight with "original" Edison lamps used as table markers. Mr. Edison is scheduled to make a short talk which will come to the assemblage over a telephone connection from Florida.

Though his consistent distaste for personal publicity in any form has not allowed him to give out any "work hard and you'll succeed" maxims for the guidance of the younger generation, the results of Mr. Insull's thorough devotion to what he calls "his job" speak for themselves. Other offices in the Commonwealth Edison Building open at 8:30, but Mr. Insull is at work at 7:45 daily, and usually has the desk cleared by the time the others arrive.

Through the last 30 years of huge manipulations and cumulative success, his starting time of mornings has been set back a scant 15 minutes. According to his most intimate associates, the thought of retirement, or even contemplation of it, has never entered his mind.

Samuel Insull, then 21, and with only an elementary education in private schools of London, Reading and Oxford, arrived in America on Feb. 28, 1881. He had been recommended to Edison by the inventor's London agent, as whose secretary Mr. Insull had shown unusual aptitude.

MOTH PARASITES TO BE RELEASED

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW HAVEN, Conn., Feb. 28—In an attempt to save the State's peach crop, over 15,000,000 parasites will be released this spring in time to destroy the eggs of the peach moth, a parasite of the peach tree, it was announced by the Connecticut Experiment Station today. In case some eggs escape and are hatched into larvæ, the Experiment Station is preparing another parasite which prefers the worm instead of the egg of the moth. About 900,000 of these will be released later in the spring, and the Connecticut peach crop this summer is expected to mature unmolested.

Propagating the parasites in the laboratories involves the use of carefully controlled incubators, refrigeration, and elictric lights, which simulate winter, summer, and sunlight.

RHODE ISLAND 'OVER' ON RED CROSS QUOTA

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 28—Rhode Island is the first state over the top in the $10,000,000 Red Cross drought relief fund. The State's quota was $100,000.

"This is a magnificent response to the appeals of the drought stricken from people in a commonwealth more than 1000 miles away," John Barton Payne, chairman of the Red Cross, said in a congratulatory message to the Rhode Island chapters. Total contributions to the fund reached $9,470,030 yesterday.

BROWN UNIVERSITY TO GET $100,000

PROVIDENCE, R. I., Feb. 28 (AP)—The sum of $100,000 to Brown University, $25,000 to the Rhode Island School of Design and $10,000 to St. Andrew's Industrial School at Barrington, are included among the public bequests contained in the will of Lucian Sharpe of this city, probated yesterday. He was a graduate of Brown University of the class of 1893. He had previously given his Angell Street residence to the university and it is used by Pembroke College, the women's college in Brown.

PORT OF BANGOR OPENS

BANGOR, Me., Feb. 28 (AP)—The port of Bangor was open to navigation yesterday, the earliest date in its history. The previous earliest opening of the port was March 7, 1930.

Brodie & Son
MAKER OF
Men's Clothes
Now Showing New Importations for the coming season.
JOURNAL BUILDING
262 Washington St., Cor. Water
BOSTON

Furs Relined, Repaired and Re-Dyed
W. Davidson
Practical Furrier
Formerly with Martin Bates
Seal and Persian made over to latest fashions. Fur coats repaired and raw furs bought.
Furs stored and insured
Fur garments made to order.
175 Tremont Street, Boston

Marked Down for Final Clearance
66⅔%
DEDUCTED FROM LABEL PRICE
SILK, WOOL, COTTON—MISSES', WOMEN'S, CHILDREN'S
GREEK EMBROIDERED DRESSES
FOLK HANDICRAFTS GUILD
12 NEWBURY STREET BOSTON, MASS.
OPPOSITE RITZ-CARLTON HOTEL

WEDDING INVITATIONS
Announcements
Hand Engraved in Our Own Studios
M. T. BIRD & CO.
5 WEST STREET, BOSTON

HOWE & HOWE
Custom Shirt Makers & Haberdashery
Sample Shirts Made
Order by Mail
15 Tremont Place, Boston
Phone Haymarket 1169

IVY CORSET "IT CLINGS"
Ivy Corsets
New Spring Models, indicating the waist-line, laceless corsets, laced back corsets, and elastic step-ins.
IVY CORSET SHOP
378 Boylston Street, BOSTON


The NEW ROYAL PORTABLE
TYPEWRITERS
ALL MAKES
STANDARD AND PORTABLE
RENTALS—REPAIRS
TERMS IF DESIRED
ArcadeTypewriter
CORPORATION
Established 1901
80 Boylston Street, Little Building, Boston
Tel. HANcock 3121

NEW YORK CITY

Because
Each hair cut is a skilled performance
Each permanent wave is expertly done
Each facial is a rare treat
Paul's salon is the most beautiful
and his equipment the most modern, yet moderately priced
He has acquired a rare individuality and has become known as the
Paul OF FIFTH AVENUE
595 Fifth Ave., New York
Entrance on 48th Street
Telephone VOLunteer 5-4984

"We consider ACOUSTI-CELOTEX as essential as the plumbing"
states L. H. Baker of the Michigan Millers Mutual Fire Insurance Company, Lansing, Michigan.
"In our old offices, the din and confusion made it difficult to concentrate on one's work or carry on a conversation. In our new offices, with Acousti-Celotex ceilings, telephoning is easy and conversations can be carried on in low tones. This condition raises the efficiency of our organization, and more than pays the cost of the Acousti-Celotex by decreasing errors."
Acousti-Celotex is a sound-absorbing tile which is quickly applied to ceilings in old or new buildings. It is attractive and permanent and may be decorated with any kind of paint without loss of sound-deadening efficiency. Executives everywhere are increasing the efficiency of their workers by installing Acousti-Celotex. Mail the coupon for interesting details. The Celotex Company, 919 N. Michigan Ave., Chicago, Ill. Acousti-Celotex is sold and installed by Acousti-Celotex contracting engineers.
ACOUSTI-CELOTEX
FOR LESS NOISE—BETTER HEARING
THE CELOTEX COMPANY
919 N. Michigan Avenue, Chicago, Illinois
Send me complete information on the use of Acousti-Celotex
Name .....
Business Address .....
City ..... State .....

Legal Stamps Given and Redeemed
HOUGHTON'S
HOUGHTON & DUTTON COMPANY
BOSTON
To Increase Factory Production and Employment!
Low Profit Sale Begins Monday!
We know that the only way to bring about a return of normal business and the consequent relief of unemployment is to increase the purchase and consumption of merchandise. Therefore, for the past month we have been working with might and main to secure the coöperation of manufacturers in this drive for high volume at low profit. That they have responded you can quickly see by glancing at the extraordinary values we are offering beginning Monday.
Here Are a Few Examples of the Values!
Guaranteed Silver Plated Flatware ..... 10c each
20c Hosiery Sale ..... 1 pair 65c—2 pairs 85c
$2.98 Famous Pepperell Blankets ..... Pair $1.99
$3.98 Bissell Standard Carpet Sweepers $2.98
$75.00 9x12 American Oriental Rugs $47.50
$1.50 Men's Genuine Broadcloth Shirts 79c
$1.50 Fine Silks, Satins and Rayons ..... 44c yard
$10.75 to $14.75 Women's Spring Dresses $6.90
59c the latest Spring Voiles ..... Yard 29c
$19.98 100-Piece Dinner Sets $12.98
Women's Fine Radio-Radiant Slips $1
Women's $5.95 Fine Shoes ..... Now $3.94
Boys' $1 Washable Juvenile Suits 59c
$4.50 to $7 3-Piece Toilet Sets $2.49


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647 Boylston Street, Boston Kenmore 4730
507 Fifth Avenue, New York Vanderbilt 7400

What Shall I Have for Dessert?
REJOS
Angel Cake Mixture
Easy way to make an angel cake.
Price 50c
For sale at S. S. PIERCE CO.
BOSTON, MASS.

BOSTON STORAGE WAREHOUSE COMPANY
Household Furniture
Storage
Com. 1530 or Ken. 9050
Edward L. Winsper, General Manager
Packing and Shipment Arranged

Personal Stationery
100 Printed Envelopes
200 Printed Sheets
50 Plain Sheets
$1.00 Postpaid
Any name and address, printed on high grade white bond paper in dark-blue ink.
WALTHAM STATIONERY CO.
Box 276, Waltham, Mass.

Florida Oranges
Fresh From Tree to You
40 lb box of Oranges or Grapefruit $2.60
King Oranges, $3.75
Finest Papershell Pecans
Lots of 5 lbs. or more, 75c per lb
All prices F. O. B.
FORREST B. STONE, Maitland, Fla.

Lunch in the Palm Room
"A Better Place to Eat"
MAAS BROTHERS
TAMPA, FLA.

KENDALL GETS HARVARD PRIZE IN ADVERTISING

Gold Medal and $10,000 Distributed to Winners of the 1930 Contest

The 1930 winners of the Harvard Advertising Awards, founded by Edward W. Bok in 1923, were announced last evening at a dinner at the Faculty Club of the Harvard Graduate School of Business Administration, to which over 100 guests, prominent in the advertising field, were invited. Presentation of the awards was made by Dr. Melvin T. Copeland, professor of marketing and chairman of the jury of award.

Frederick C. Kendall, publisher of Advertising & Selling, received the Gold Medal for Distinguished Contemporary Service to Advertising, for having the courage to open the pages of his magazine to controversial subjects of vital importance to advertising and presenting both sides fairly; for attacking the use of paid testimonials which were endangering the whole fabric of advertising; and for founding Advertising Arts, thereby presenting a medium for the expression of art in business.

Other Awards

Awards of $1000 each, for excellent campaigning were received by Gardner Advertising Company, New York, for the campaign of the Aluminum Company of America, a national campaign for a specific product; Northern States Power Company for the campaign of Northern States Power Company in St. Paul, Minn., a local campaign for a specific product of merchandise; Batten, Barton, Durstine & Osborn, Inc., New York, for the institutional campaign of the Baltimore & Ohio Railroad Company; and Bakelite Corporation, New York, with recognition to Allan Brown and Rickard & Co., Inc., for the campaign of Bakelite Corporation.

For research conspicuous in furthering the knowledge and science of advertising, the Association of National Advertisers, Inc., received an award of $1000 for the research titled, "Coöperative Analysis of Broadcasting," carried on for them by Crossley, Inc.

Grants of $1000 each were awarded advertisements especially distinguished for effective uses of various advertisement components. Fels & Co. and Young & Rubicam, New York, received an award for an advertisement of Fels Naptha, titled, "The Stranger They Never Forgot," in which the use of text was most effective; Saks & Co., New York, for an advertisement of Saks-Fifth Avenue, titled, "Coats"—the use of illustration was most effective; Batten Barton, Durstine & Osborn, Inc., New York, for an advertisement of Electrolux Refrigerator Sales, Inc., titled, "As Silently as Nature Makes Ice," effective use of headline; Needham, Louis and Brorby, Inc., Chicago, and Joseph J. Levin, with recognition to E. Willis Jones, for an advertisement of A. G. Becker & Co., titled, "Markets on the March," effective use of typography; and Steinway & Sons, New York for an advertisement titled, "A Song for Parents," in which the combined elements of illustration, headline, text and type were most effectively used.

10,000 'Ads' Examined

The jury which made the selections met at the Harvard Business school in January and examined over 10,000 advertisements submitted. Its members were: John Bianchi, the Merrymount Press, Boston; Neil H. Borden, associate professor of advertising, Harvard Business School; Walther Buchen, president of the Buchen Company, Chicago; Bennett Chapple, vice-president of the American Rolling Mill Company, Middletown, O.; Melvin T. Copeland, professor of marketing, Harvard Business School; William A. Hart, director of advertising, E. I. du Pont de Nemours & Co., Wilmington, Del.; J. C. McQuiston, advertising manager, Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa.; Henry B. Quinan, art director, the Crowell Publishing Company, New York; G. R. Schaeffer, advertising manager, Marshall Field & Co., Chicago; G. Lynn Sumner, president of the G. Lynn Sumner Company, Inc., New York; Roland S. Vaile, professor of marketing, University of Minnesota; and Paul B. West, advertising manager of the National Carbon Company, Inc., New York.

The winning material will be on display in Baker Library, Harvard Business School, this afternoon and Sunday afternoon and evening, Feb. 28 and March 1, and all day Monday, March 2, after which it will be sent to different cities for exhibition.

Following the awards, several addresses by men prominent in the advertising field were delivered, after which Bernard Lichtenberg, vice-president of the Alexander Hamilton Institute, in a short talk announced that plans had been completed whereby friends and admirers of the late Edward W. Bok would present to Harvard University for the Graduate School of Business Administration a fund, part of which is to be devoted to the purchase of a portrait of Mr. Bok and the balance to provide a fund, the income of which is to be used to purchase books on advertising for the Business School.

This memorial is to be given as a token of their appreciation for the large contribution which Mr. Bok made to advertising in his lifetime through his association with the Ladies' Home Journal and through the founding of the Harvard advertising awards.

Talking Peace, Preparing War Called Europe's Greatest Peril

(Continued from Page 1)

having the very instruments of peace converted into instruments of war. These are no idle paradoxes that I write. They are not intended to be amusing; and, although I scarcely expect that they will have any immediate effect, I trust that they will suggest to a few workers for peace the need of opening their eyes to certain undesirable tendencies, among which is the tendency of workers for peace to close their eyes.

After the treaties were signed, one distinguished statesman, who has quietly done much to preserve peace, is reported to have said that Europe had 10 years in which to settle down and to eliminate the thought of war. It was, therefore, a race against time. His view was that if the thought of war was not eliminated within 10 years, a new generation would arise which would have no recollection of the lesson of 1914-18. For that matter, even the older generation, in the words of Lowes Dickinson, would find the ivy of dim remembrance beautifying the ruins.

The period of 10 years is too short; it would be easier to agree with him had he said 20 years. But unquestionably the first 10 years after the war will play a great part in the determination of the future of Europe. Somewhat more than 10 years have now elapsed, and, looking back, one sees that a remarkable advance has been made. The advance, however, is not yet enough. Much more has to be done, and that at an early date.

Pacts Not Full Guarantee

The sense of security has by no means come to Europe. No outward circumstances, no verbal assurances, will alone suffice to bring that sense of security. It must be subjective. When the Covenant was signed it was objected that it was not ratified by all countries and that perhaps it was not accepted as binding by certain countries. When the Locarno pacts were signed it was objected that there might be mental reservations. When the Kellogg pact was signed it was objected that it might be broken; and there is now a demand for consultations in the event of its violation. Such consultations are indeed a logical consequence of the Kellogg pact, the signatories of which cannot disinterest themselves in its preservation.

But the point is that no matter what pledges are taken, no matter what documents are signed, the sense of security will not come to Europe unless Europe drops the habit of suspicion and distrust. In France, Aristide Briand declares that while he is in power there will be no war; but some Frenchmen look suspiciously at Germany, and other Frenchmen look suspiciously at Italy, and the military authorities strengthen their defenses on the assumption that war may come on one or the other side. In Italy, Signor Mussolini declares that he will never fight unless Italy is seized by the throat, but he behaves as though he expects Italy to be seized by the throat, and rallies Italians accordingly. In Germany, it is declared that only peaceful means are contemplated, but nevertheless the present conditions must be somehow changed; and in the meantime Germany is making the most of the naval and military provisions of the treaty, and acknowledges that these provisions will not be regarded as a bar unless other nations come down to its level. So there is this double attitude of peaceful protestation and uneasy expectation and preparation. What applies to the three principal countries applies in varying degrees to them all.

It is, therefore, idle to pretend that distrust has vanished. The sincerity of the peace professions of each country should be assumed, but no country is quite ready to assume the sincerity of at least one other country.

Hence the constant cry for sanctions. By sanctions is meant that if one country shows bad faith, all the other countries will rush to the rescue of the country which is attacked. The danger of such a doctrine is manifold. In the first place it postulates that war is a thinkable proposition—it is not dismissed from human mentality—and to think of war is to make war possible. In the second place, it is highly improbable that all the nations, with their special associations and commitments, will take precisely the same view. Some will favor this side and some the other, and some, unable to decide, will endeavor to be neutral. In the third place, sanctions will tend to generalize warfare, though it must be admitted that, with or without sanctions as pretext, it would be impossible to localize a European war.

The essential thing is surely to cease these negative speculations which always turn around the possibility of war, even when they employ the terms of peace, and to engage together on a positive and constructive program. The habit of working together in the common interest of Europe will do more—far more—to eliminate the chances of war than any amount of talk about peace. That is what is needed, and needed supremely—the habit of working together on a common program which would necessarily be mainly economic.

Partners in a business, who are devoting their energies to the promotion of that business, cannot afford the time to consider how they can individually protect themselves from each other. If they are perpetually concerned with problems of private peace and war, their business will go on the rocks. In the same way with nations—they must choose between working together in a great international business and regarding each other with suspicion. They cannot have it both ways.

Hope in Federation

The projected European federation, in the light of these reasonings, can be regarded as either bad or good. If it is intended merely to multiply precautions against each other, then it will be worse than useless. It cannot furnish security that the League does not furnish, and in so far as it indicates distrust in the League it weakens both the League and the Federation. Nor can it furnish security that is not furnished by the international court and the Locarno and Kellogg pacts and the various agreements already in existence, but merely adds doubt to doubt.

But if, on the other hand, the vain search for security from outside is abandoned and it is perceived that security comes from inside. If the projected federation is a proof that the futile talk of peace and war is being left behind, if it denotes that a new stage in which practical coöperation for practical purposes, on a positive and constructive program, is at last reached, then the scheme of European federation may indeed be welcomed.

Even if it overlaps the League to some extent, even if its basis of solidarity is somewhat restrictive instead of being universal, these objections can be properly overlooked once we are persuaded that the plan of a federation is the plan of practical coöperation, instead of idle discussion of hypothetical hostilities. Thinking on this subject is doubtless still confused, but it is probably dawning on Europe that the negative search for security is foolish, and that the only thing that matters is the positive collaboration in general European prosperity. The dawning of that consciousness, which we can fairly assume, is the most hopeful sign in Europe.

Advertising Urged to Curb Depression

PHILADELPHIA, Feb. 28 (AP)—Walter A. Strong, publisher of the Chicago Daily News and chairman of the board of the Advertising Federation of America, told the Poor Richard Club last night that advertising "not only stimulates the volume of immediate business, but sows good seeds for future business."

In three out of seven business depressions in the last 20 years, he added, advertising was drastically reduced and the ensuing decline in business was "deep and long," while in four instances there were only moderate reductions in advertising and the "following declines did not last so long or go so deep."

"Our whole study of the hard facts of the business depressions of the last two decades," Mr. Strong said, "seems to indicate to the open mind that one potent method of accelerating recovery is through the appeal of advertising; that advertising will lessen the evils of depression, shorten their tenure and quicken the return of prosperity."

Senators Demand Food Relief Fund

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 27—A flare-back of the long-drawn out food relief controversy between the Senate and the Administration occurred in the Senate today with the speedy approval there of a resolution of inquiry to the Secretary of Agriculture.

The motion, offered by Thaddeus H. Caraway (D.), Senator from Arkansas, one of the leaders in the issue, called upon Arthur M. Hyde, Secretary of Agriculture, for an "immediate" answer why the $20,000,000 appropriated in the Compromise Relief Act has not as yet been made available to needy farmers, and to advise the Senate when he expected to put the money into use. The resolution was passed without debate.

RAILROAD NEEDS FUNDS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

JUNEAU, Alaska—Declaring that an emergency exists, the Seattle Chamber of Commerce has joined the Alaska Committee in asking that the appropriation of the Alaska Railroad be doubled. The proposed appropriation before Congress is for $250,000.

They Fly to Sea to Walk Beneath the Waves





Top, Hamilton M. Wright Jr. Bottom, George P. Paul

JULES VERNE NEVER THOUGHT OF THIS

Top—Students of Zoology Class, University of Miami, Take Turns in Pairs in Descending to the Floor of the Sea to Study Its Fauna and Flora. Bottom—Pictures of Fish Taken Under Water Off the Dry Tortugas by Prof. W. H. Longley of Goucher College.

GREEN BLAMES EMPLOYERS FOR COMMUNIST AID

A. F. of L. Head Says 'Unreasonable' Attitude of Some Helps 'Red' Cause

CLEVELAND, O., Feb. 27 (AP)—William Green, president of the American Federation of Labor, told Cleveland today that "unreasonable" attitudes on the part of some employers in the United States is giving a powerful boost to Communism, despite the efforts of the federation to avoid it.

The labor leader made lengthy comment on the situation when he arrived here and came face-to-face with the strike and lockout of union cooks and waiters at several leading Cleveland hotels.

The union employees of the hotels lost their jobs several months ago when they refused to sign alleged "yellow dog" contracts. Since then, city officials and numerous prominent citizens have endeavored to settle the trouble by arbitration but the hotel managements refused flatly to discuss the matter.

"Everywhere we hear business men discussing in apprehensive tones the 'Soviet menace,'" Mr. Green began. "Now let me point out something.

"It is just such an attitude as that of the Cleveland hotels, just such unreasonable tactics that tend to develop the communist spirit.

"It makes men rebel against the social order that allows employees of many years standing to be cast out of their jobs because they refuse to sign contracts that would leave them helpless and a prey to whatever conditions might be brought into existence."

PERUVIAN TO TAKE OFFICE

PUNO, Peru, Feb. 27 (By U. P.)—David Samanez Ocampo passed through Puno yesterday en route to Arequipa to assume the Presidency of the Junta of the Provisional Revolutionary Government of the South. Civilians were reported to be offering their support to the revolutionary movement. The rebels claimed to have won the troops at the Puente Tablachaca, Department of Apurimac, over to their cause.

STUDENTS TREAD FLOOR OF THE SEA TO STUDY FISHES

(Continued from Page 1)

luminescence. Outlines disappear, and every object seems shrouded in a peculiar haze.

The very water seems water no longer, but a strange encompassing medium, passive as the atmosphere itself. There is no consciousness of being wet.

A great coral-head towers at one side and reaching out a hand toward it, one is surprised to discover it to be beyond the sweep of an arm. One tries to place a foot on a bit of jutting coral, and misses it entirely, and the realization comes that a new set of calculations are needed for this undersea world.

One's movements, in walking about, turning, stooping to examine an object in the sand, cause a chuckle. How remarkably like a slow-motion picture!

Not until one enters the world of the fishes is it realized that these finny creatures can practically disregard the laws of gravity. A flick of tail or fin, and they dart off in any direction—as easily up as down.

There is surprise at the calmness of the reception accorded the interloper by the inhabitants of the submarine sphere. One's coming arouses neither great excitement nor consternation; only mild curiosity. Nature has taught fish which live in the shallows that the greatest dangers come from above—notably fishers, both sea birds and men. Consequently when a person approaches them walking on the sea-bottom, they swim lazily about and idly nose him. Even the great barracuda, the "tiger of the sea," gives but a cursory examination and swims slowly away.

3000 Hours Spent in Water

The person who knows more, probably, than any one else about this undersea world is Prof. W. H. Longley, of Goucher College, director of the work at the laboratory for six seasons.

The zoology class of the University of Miami also utilizes diving helmets to take practical lessons in the pursuit of their subject. They go out to sea in a flying boat and stroll about the bottom as casually as if they were in the classroom.

In his many years of studying the habits and habitat of fishes, Professor Longley has spent more than 3000 hours in the water. He thinks nothing of remaining below the surface for four or five hours at a stretch. He often takes with him a specially designed camera, and has obtained many beautiful photographs of scenes beneath the sea. His descriptions are vibrantly colorful.

"Large spiny lobsters, torn between distrust and greed, protrude their antennae and wave them frantically over proffered food. Hermit crabs with heavy shells sit aloft on purple sea fans. With their spoon-shaped fingers, spider crabs grub off the encrusting growth of plants. The fish fauna surpass all others in number of species, vivid coloration, and, one might even say, in personality.

"The variety in coloring is an unfailing source of delight. Particular colors are closely correlated with specific habits. Red, for example, is almost wholly restricted to nocturnal fishes that lie hidden by day. The greens, on the other hand, characterize the species that live upon the green reef-flats or swim near the surface in open water."

The working season at the Tortugas station, Professor Longley explained, is short—comprising only the four summer months. Weather conditions are not favorable at other times of the year, for the islands lie in the zone of tropical hurricanes. G. F. P.

$10,000,000 Assured for Farm Credits

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 28—One-half of the $20,000,000 appropriated by Congress, Feb. 14, will be tentatively reserved for aiding the formation of local agricultural credit corporations, livestock loan companies and similar organizations, and to increase the capital stock of such organizations qualified to do business with the federal intermediate credit banks, Arthur M. Hyde, Secretary of Agriculture, announced yesterday.

Loans will also be made to individuals in drought areas upon the security of the capital stock of these credit corporations of loan companies, but in all cases the proceeds of such loans must be used to form part of the capital structure of the corporation or to expand its capital or to replace any impairment of the capital structure of the corporation, the instructions stipulate. The amount of individual loans, Mr. Hyde announced, will be determined on the merits of individual cases. Notes will bear 3½ per cent interest. Plans are under way to form a committee of representative bankers in each state to assist in administration.

The Department of Agriculture expects to begin distribution of these loans in a week or 10 days. Application forms will be sent to intermediate credit banks, and to a long list of companies and individuals who have indicated a desire to form organizations.

Regulations governing loans from the $45,000,000 fund previously granted by Congress have been liberalized so that loans up to $75 may be made to farmers for buying feed for livestock used for producing food for the farm family, Mr. Hyde announced.

A second liberalization provides that in stricken areas of Georgia, Florida, North Carolina, Virginia, Maryland, West Virginia, Ohio and Michigan the limits of loans to tenants of any one landlord in any one country be $2000 instead of $600 for seed, fertilizer, feed, fuel or oil for tractors in 1931.

BRITISH PRINCES VISIT SANTIAGO

SANTIAGO, Chile, Feb. 28 (AP)—The Prince of Wales and Prince George, his brother, landed here last night after a airplane flight from Vina del Mar.

After visiting the British Embassy, they went on to the Government Palace through streets lined with cheering crowds, and said good-by to President Ibañez. The President accompanied them to the railway station, where they entrained for the "Chilean Switzerland."

Brick Houses of Blending Hues Designed for American Streets

Advance in Ceramics Opens Field of Inestimable Possibilities—Deadening of Traffic Noises Also Forecast at Cleveland Meeting

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

CLEVELAND, O., Feb. 28—The day may not be far away when the brick houses along any street in any average American town may offer all the colors of the rainbow, blended into a composite picture of beauty in color. In addition, this same brick may shut out the noises of the street.

How can that be? Bricks are now being made that will take the bright colors used in tea sets, in chinaware and other ceramic products, it was brought out here at the convention of the American Ceramic Society which ended today. Likewise the brick has sound-deadening qualities.

H. E. Nold, secretary of the Ohio Pottery Association, revealed the experiments being made in the production of lavender, yellow, orange and varicolored brick, in the association laboratories at Roseville, O.

"One of our men decided that if bread could have pores, so could brick," he said. "So he worked in a bakery a week and decided to generate gas through brick clay. The result is a brick that looks like cork, and is almost as light. It holds heat and is a good noise insulator for theaters. We get the new and brighter colors by putting on a glaze."

A campaign to interest housewives in a greater appreciation of pottery for household beautification will be undertaken by the American Ceramic Society, it was announced by Brig.-Gen. Edward Orton, Jr., of Columbus, outgoing president. He announced that Ohio State University is now coöperating with a number of private pottery laboratories to make ceramic products more artistic as well as more durable.

The modern machine age has brought progress in the mechanical perfection of virtually all products far in excess of the design in the same products, Richard F. Bach, director of industrial relations of the Metropolitan Museum of Art of New York, told the convention. The great field left for development and exploitation, therefore, is the artistic, he said.

Mr. Bach declared that he has no great respect for art that is confined to a garret. He pointed out that the art of the future must adapt itself to commercial application, and that through coöperation with mass machine production, all products, whether automobiles, radio sets or table china, will be made more beautiful and therefore more enjoyable to the American people.

E. B. Eskesen, president of the Federal Seaboard Terracotta Corporation of New York, was elected president of the society. Dr. Alexander Silverman, head of the department of chemistry of the University of Pittsburgh, was named secretary. H. B. Henderson of Columbus was named treasurer. The next convention and exposition of the society will be held in Washington, Feb. 7 to 12, 1932.

Brazil Sends Funds to Drought Areas

RIO DE JANEIRO, Brazil (By U. P.)—The Brazilian Government is making every effort to relieve the suffering in northeastern Brazil where an unprecedented drought has destroyed the crops and unemployment has aggravated the situation. Jose Americo da Almeida, Minister of Communications, declared in a press interview.

Seven hundred contos, approximately $70,000 has been sent to the State of Ceara for drought relief and 800 contos to the states of Parahyba and Rio Grande do Norte, Senhor da Almeida said.

"The situation is grave, it is admitted," he declared. "It grew out of the civil war in Paraphba State which affected all productive zones, the mobilization during the revolution which took many workers away from their employment, the demobilization which increased the number of jobless, and the drought which cut off the food supply.

'I have ordered various public works to be started in the afflicted states which should relieve the unemployment situation and provide food for the hungry," Senhor da Almeida stated.

CHILE ENDS CONTRACT WITH AMERICAN FIRM

SANTIAGO, Chile, Feb. 27 (AP)—An executive decree published by the Government today declares cancelled, as from Feb. 28, the contract between the Government and the Foundation Company of New York covering the investment of about 60,000,000 pesos (approximately $7,200,000) in building educational establishments in Chile.

The work is about half finished. It will be completed by Chilean contractors, it was announced.

'Maternity' Bill Back in Senate

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Feb. 28—The "maternity" bill, which provides for rural sanitation and federal coöperation in maternal and child welfare and hygiene, came back to the Senate today for concurrence with House amendments.

The House passed the bill yesterday without a record vote after substituting an entirely different text from that which passed the Senate on Jan. 5. The substantial intent of the bill is not materially changed, however, and agreement is expected.

As passed by the House, the bill provides for the establishment of a federal health coördinating board to consist of the surgeon-general of the public health service, the chief of the children's bureau of the Department of Labor and the Commissioner of Education, whose duty it shall be to supervise all plans for coöperation between the Federal Government and the states on health matters.

The health services provided for in the bill are of a strictly voluntary nature. It specifically provides that "no official, agent or representative of the board or any organization represented thereon shall, by virtue of this act, have any right to enter any home over the objection of the owner or occupant thereof, or to take charge of any child over the objection of the parents" or any other persons having custody over the child.

ALIENS ASKED TO VOTE

BUENOS AIRES, Arg. (By U. P.)—The Union Commercial Argentina is appealing to foreign business men in Buenos Aires to exercise the privilege granted them under municipal law and register in order that they may vote in the next municipal elections. The civil register is open during the months of January, February, July and August.

Jays Boston Temple Place Eleven



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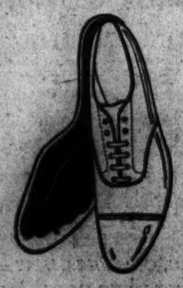
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Exquisite are the colors in these soft, luxurious Hemstitched Damask Sets, and smartly styled are the two designs offered.
Ideal Time to Re-dress Your Table!
Easter is nearly at hand . . . Spring just around the corner. You will find no greater opportunity for redressing your table than is offered in this great event.

	Reg. Price	Sale Price
2 x 2 yd. Cloth With Six 20x20 Napkins	$25.00	$12.75
2 x 2½ yd. Cloth With Twelve 20x20 Napkins	$45.00	$19.50

Smart, Gay Shades of Gold, Green, Peach, Ivory
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BOSTON ART WEEK PLANS INCLUDE CLINIC IN DESIGN

Six Distinct Fields to Be Represented at Event to Be Held March 10

Designs submitted by a group of art schools which have been evolved in coöperation with manufacturers in six distinct fields—shoes, textiles, jewelry, advertising, wall paper and packaging—will form the basis of the style and design art clinic at the Boston Art Club, March 10, it was announced today.

The event is to be a part of the third annual art week in Boston, conducted by the committee on industrial and civic art of the Boston Chamber of Commerce during the week of March 9, and is under auspices of the Associated Industries of Massachusetts.

Leading manufacturing and retailing houses of the city and state will take part. Their experts will participate in the general discussion of the various groups of merchandise displayed at the clinic. The designs submitted will be discussed from the viewpoint of the producer, the distributor and the artist.

This type of coördination is believed to be more and more essential as a practice in industry today, in order to eliminate as much as possible of the economic waste contributed by wrongly conceived and designed commodities, which plays its part in cyclical depressions by overstocking of unsalable commodities which tend to tie up credits and often leading to insolvency, it is pointed out by the committee.

The Associated Industries has been taking a leading part in promoting a further use of art in industry and merchandising for some years, and it welcomes the opportunity to coöperate with the Chamber committee in bringing about a closer coöperation between producer, distributor, artist, and consumer.

John E. Alcott, industrial art adviser of the Associated Industries, will preside at the clinic. The session on shoes will be divided into sections for both men's and women's shoes, with designs by the designers at the Art School. In the session on textiles, designs by the Lowell Textile School and the School of the Museum of Fine Arts will be submitted. The Massachusetts School of Art and the Chamberlain School of Everyday Art will participate in the packaging session.

Jewelry will be handled by designs by the Rhode Island School of Design, while those on advertising will be by the Vesper George School of Art. Wall paper designs by the Boston University Art Department will be shown.

EVENTS TONIGHT

Ladies' Auxiliary, Boston Square and Compass Club: Meeting, clubhouse, 448 Beacon Street, 8.

Copley-Plaza Hotel: Dance, Simmons Menorah Society, State Suite, 8 to 12. Dance, Assabet Country Club, Swiss Room, 8 to 12.

Hotel Statler: Dinner, John E. Cain Company, Parlor A.

Boston Square and Compass Club: Entertainment, Charlie King and the Porter, comedy team; Gene Harris, magician; dramatic sketches, "Parts I Have Played," by John Taylor; auditorium, 448 Beacon Street, 8.

Women's City Club of Boston: Dinner bridge, clubhouse, 6:30.

Phi Delta Delta, Boston Chapter, Women's International Legal Fraternity: Dinner; address, "Reminiscence of Three Years' Experience Before the Supreme Court of the United States," by George R. Farnum, former Assistant Attorney-General of the United States: Southern House, 6.

Dinner, Harvard University class of '27; Hotel Bradford.

New England Wheaton Club: Dance and entertainment, benefit Student Alumnae Building Fund; Hotel Somerset, 8.

Technology Alumni Association: Dinner and dance, preceded by reception; Dr. Karl T. Compton, President, and Dr. Samuel W. Stratton, Chairman, Corporation, M. I. T., guests of honor and chief speakers; other addresses by Prof. D. C. Jackson, Prof. Edward F. Miller and Robert H. Richards; electrical experiments performed and motion pictures shown; ballroom, Hotel Statler, 6:30.

Theaters

Shubert—"Nina Rosa," 8:30.
Majestic—"Way Down East" (film)), 11 a. m.
Copley—"John Ferguson," 8:20.
Tremont—Charlie Chaplin in "City Lights" (film). Continuous from 9 a. m.
Fine Arts Theater—The film, "Zwei Herzen im ¾ Takt." Continuous from 1 p. m.

EVENTS SUNDAY

Boston Square and Compass Club: Recital, Suzanne Keener, formerly of Metropolitan Opera Company; auditorium, 446 Beacon Street, 4.

Y. M. C. A. (Huntington Avenue Division): Sunday morning dip, natatorium, 9. Meeting, Caspy Club, Vialle Room, 3:45.

Boston Public Library: Illustrated lecture, "The Chateaus of Old Touraine," by Marie Ware; Lecture Hall, Boylston Street, 3:30. Concert, Choral Society of Massachusetts Federated Women's Clubs, Lecture Hall, 8.

Ford Hall Forum: Meeting, Ford Hall Folks: Howard B. Gill, Head of Norfolk Prison Colony, and Vincent Burns, Poet, author of "The Red Harvest," guests of honor and speakers; Kingsley Hall, Ford Building, Bowdoin Street, 4.

Old South Forum: Address, "China's Place in the World," by Lady Dorothea Hosie, Oxford; musical program, Myrtle Jordan Trio; Old South Meeting House, Washington and Milk Streets, 3:15.

Copley-Plaza Hotel: Dinner, United Palestine Appeal, ballroom and foyer.

Boston City Club: Concert; Alice A. Kimball, soprano; Jacob Langendoen, 'cellist; Wendell Luce, organist; auditorium, 14 Somerset Street, 3:30.

EVENTS MONDAY

Copley-Plaza Hotel: Lecture, Mrs. Jackson Fleming, foyer, 11.

Massachusetts Institute of Technology: Second in series of lectures on "The History of the Art of Building," by Thomas F. McSweeney, auspices department building and construction; Room 1-134, M. I. T., 10 to 12.

New England Women's Club: Meeting; address, "Soviet Russia, A Challenge in the Far East," by Prof. George H. Elakeales; Hotel Kenmore, Commonwealth Avenue, 2:30.

Women's Republican Club of Massachusetts: Luncheon, followed by speaking program; subject: "Employment"; speakers: Col. Arthur Woods, Chairman, President's Emergency Committee on Unemployment, and Carl P. Dennett, Vice-Chairman, Massachusetts Emergency Committee on Employment.

West Roxbury Community: Meeting, Girl Scout Committee, home of Mrs. J. M. Sanderson, 16 Hastings Street, 2:30. Meeting, Tourist Club, home of Mrs. John H. North, 152 Bellevue Street, 3.

Exhibitions

Museum of Fine Arts, Huntington Avenue.—Week days from 9 to 4:30. Sundays 1 to 5. Free guidance in the galleries every day except Monday at 11 o'clock. Special Exhibitions. Eighteenth century French designs; blot prints by Alexander Cozens. Paintings by Joseph Lindon Smith. Portrait engravings by Nanteuil; modern woodcuts; loan collection of silver by Hester Bateman; exhibition of Wedgewood Millet drawings.

Fogg Art Museum, corner Quincy Street and Broadway, Cambridge.—Week days 9 to 5; Sundays 1 to 5; admission free. Special exhibitions: Etchings by Rembrandt through Feb. 28. Paintings of the Naumberg Bequest Nineteenth Century water colors. Eighteenth century French painting and sculpture. Exhibition of Drawings and Etchings by Goya.

Isabella Stewart Gardner Museum, Fenway Court—Open on Tuesdays, Thursdays and Saturdays, from 10 to 4; admission fee 25 cents; Sundays, from 1 to 4; admission free.

Robert C. Vose Galleries, 579 Boylston Street—Boston Water Color Society annual exhibit.

Casson Galleries, 375 Boylston Street—Woodcuts and lithographs by Rockwell Kent. Through Feb. 28.

Grace Horne's Gallery, 446 Stuart Street—Paintings by Harry A. Vincent. Water colors of the West Indies by Walt Dehner. Through Feb. 28.

Doll & Richards Galleries, 138 Newbury Street—An exhibition of paintings, etchings and drawings by Hoyland B. Bettinger. Through March 10.

Lamson and Hubbard Gallery, 304 Boylston Street—Water colors by Emil Bistram. Through Feb. 28.

Schervee Studios, 665 Boylston Street—Etchings by the younger school of American and English etchers.

For other exhibitions see Tuesday's Monitor.

Concerts to Come

Saturday evening, Feb. 28, in Symphony Hall, the Boston Symphony Orchestra, Dr. Serge Koussevitzky, conductor.

Saturday evening, Feb. 28, in Jordan Hall, a concert by the Simmons Glee Club.

Sunday afternoon, March 1, in Jordan Hall, a concert by George Abercrombie, pianist.

Sunday evening, March 1, in Jordan Hall, a concert by the Boston Jewish Choral Society.

Tuesday evening, March 3, in Jordan Hall, a concert by Helene Diedrichs, pianist.

Wednesday morning, March 4, at the Hotel Statler, a concert by Giacomo Lauri-Volpi, tenor.

Wednesday evening, March 4, in Jordan Hall, a concert by Gertrude Wieder, contralto.

Thursday evening, March 5, in Symphony Hall, a concert by Percy Grainger, pianist.

Thursday evening, March 5, in Paine Hall, Cambridge, a concert by the Harvard University Orchestra.

Friday evening, March 6, in Jordan Hall, a concert by Ethel Hutchinson, pianist.

Saturday afternoon, March 7, in Jordan Hall, a concert by Bruce and Rosalind Simonds, pianists.

Saturday evening, March 7, in Symphony Hall, a dance recital by Mary Wigman.

Sunday afternoon, March 8, in Symphony Hall, a concert by Albert Spalding, violinist.

Sunday afternoon, March 8, in Jordan Hall, the People's Symphony Orchestra, Thompson Stone, conductor.

Tuesday afternoon, March 10, in Symphony Hall, a concert by the Boston Symphony Orchestra, Dr. Serge Koussevitzky, conductor.

Tuesday evening, March 10, in Symphony Hall, a concert by the Negro choir of the Hampton Institute.

Wednesday evening, March 11, in Symphony Hall, a concert by Lily Pons, soprano.

Wednesday evening, March 11, in Brown Hall, a concert by Harrison Keller, violinist, and J. M. Sanromá, pianist.

Friday afternoon, March 13, in Symphony Hall, the Boston Symphony Orchestra, Dr. Serge Koussevitzky conductor, Nathan Milstein, violinist, soloist.

Saturday morning, March 14, in Jordan Hall, a children's concert, Ernest Schelling, conductor.

Saturday evening, March 14, in Symphony Hall, the Boston Symphony Orchestra, Dr. Serge Koussevitzky conductor, Nathan Milstein, violinist, soloist.

Smith College Tuition Raised

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NORTHAMPTON, Mass., Feb. 28—The trustees of Smith College have voted an $80 increase in tuition for all students entering in September, it was announced yesterday by Dr. William Allan Neilson, president of the college.

Room, board and tuition will now cost each student, except those housed in coöperative buildings at a lower rate, $1000 a year instead of $920, which has been the charge since the fall of 1926, when tuition was raised from $300 to $400. Board and room are $500 a year.

Miss Annetta I. Clark, secretary to Dr. Neilson, in a talk on scholarships to members of the Alumnae Council convening here, called their attention to the fact that scholarships must now have a fund of $10,000 instead of $8000 each in order to provide the $500 tuition fee, and that alumnae clubs pledging annual scholarships must count on this additional $100 to meet tuition requirements.

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NAVAL BUILDING RESTRAINT URGED AS AID TO PEACE

Question of What Is Adequate Defense Discussed by Policy Association

To build or not to build more warships was the question debated at the bimonthly luncheon of the Boston branch of the Foreign Policy Association today at the Copley-Plaza. William H. Gardiner, president of the United States Navy League, and Admiral William S. Sims were in favor of building. Mrs. Laura Puffer Morgan, legislative secretary of the National Council for the Prevention of War, was against building.

Mr. Gardiner declared that the best way of preventing another war was "preparedness." He quoted in defense of this thesis a statement by Col. Edward M. House in the prefatory note to his "Intimate Papers." "Given a large and efficient army and navy," Colonel House wrote of the World War, "the United States would have become the arbiter of peace and probably without the loss of a single life." Mr. Gardiner therefore advocated building up to the limit of the naval Treaty of London.

Mrs. Morgan on the other hand urged "restraint in naval building." This, she said, was the way to insure success of the Disarmament Conference of 1932 thereby helping to secure "the peace of the world and by the same token, adequate defense for the United States.

According to Mr. Gardiner, the armaments of the principal powers are today much greater or stronger than they were before the late European war. To this Mrs. Morgan replied that "land armies in Europe—that is French, German, Russian, Italian—have been reduced from their 1913 level considerably more than European navies, while the United States and Japanese navies have been greatly increased."

Mr. Gardiner used his statement to support the thesis that diplomacy alone was insufficient to prevent war. He admitted that notable advances had been made in diplomatic arrangements forthe preservation of peace. But, he said, all these arrangements rested, either on good faith, which is "not yet invariably paramount to selfishness," or else they rested on sanctions—in other words, on force.

In Mrs. Morgan's view, the policy of renouncing war must be more than a paper undertaking. It must be made "part of the consciousness of the Government." Armaments must be reduced to the lowest limits, consistent with national security. What the world now needs most "is confidence—confidence that the treaties will be observed, and the peace machinery used." This confidence would be lacking until there was a substantial advance toward disarmament.

The failure of the United States to build up to the limits permitted under the Washington and London treaties caused the greatest concern to Mr. Gardiner. He urged that the problem of protecting its overseas trade was much the same for the United States as it was for the United Kingdom. Yet between the close of the Washington Conference in 1922 and the opening of the London Conference in 1930, the United States laid down about 86,000 tons of warships, whereas the other four signatories of the Washington Treaty laid down nearly 900,000 tons. Even Italy, he said, "built much more than we did. And the other three powers averaged each to build about three times as much as we did." About $113,000,000 a year should be spent to bring the United States Navy up to full strength within a year or so of the end of the Treaty. But all the present Administration was providing in the next fiscal year was $45,000,000.

Mrs. Morgan replied to this that Europe regarded the United States "as the most powerful nation in the world." Its lead "would be followed one way or the other." It was "no longer necessary to argue that national armaments, even standing still, are a source of ever-increasing danger." The statement was accepted as axiomatic. Adequate defense of the United States, she concluded, "lies in a policy which, by combining a spirit of coöperation with restraint in naval building, will lead the way to the success of the general disarmament conference in 1932."

Music

Boston Symphony Orchestra

A new symphony, No. 2 in C major, by Edward Burlingame Hill, graced the program of the seventeenth pair of concerts by the Boston Symphony Orchestra, scheduled for Feb. 27 and 28 in Symphony Hall, Boston. Besides boasting a definite tonality, this novelty had the added distinction of not having been written for the fiftieth anniversary of the orchestra.

"The second symphony, like the first," said the composer in a note contributed to the program book, "has no descriptive background, no literary quotations appended. I find myself in sympathy with those of the younger generation who feel that music has enough intrinsic problems of its own without adding those of other arts." And this professor of music in Harvard University adds: "I have kept to the traditional forms, thinking I had not had sufficient experience to experiment."

Mr. Hill's style is much the same whether he is setting down notes or words, except that musically he speaks mainly French. His new score, dedicated to his colleague, Prof. Walter R. Spalding, opens with a movement in sonata form in which the principal theme has the "feminine" quality usually associated with a second theme. Then comes a Scherzo with Trio. The third is the slow movement, marked "Maestoso ma non troppo lento." The Finale is an "Allegro energico." All is logical and orderly.

The musical ideas of the composer are characteristically his own, the idiom in which he conveys them that of the modern French school. This symphony therefore, though more considerable, is a companion piece to its author's Symphony in B flat and his "Lilacs," after Amy Lowell's poem. Rhythmic patterns are perhaps somewhat more complex than in the former works, but the influence of the modern Russians is slight. It is hardly necessary to add that in both composition and orchestration, the symphony is the work of a master hand. It was received with marked favor.

The other principal item of the program was the Beethoven Violin Concerto, with Jascha Heifetz as soloist. Probably any lingering trace of the notion that Heifetz is "cold" had been destroyed in the symphony audiences by this artist's performance of the Brahms Concerto two years ago. Certainly no one could have found coldness in the player's tone in the lovely melody of the slow movement in the concert under review. The performance was of course masterly throughout (including the orchestral accompaniment), and the ovation was prolonged until after the soloist had brought back Dr. Koussevitzky to share in it.

The program opened with the Prelude to Act II from Chabrier's "Gwendoline," a charming bit of lavender and old lace which the audience viewed apathetically. The final item was the "Egmont" Overture.

L. A. S.

WEATHER PREDICTIONS

U. S. WEATHER BUREAU REPORT

Boston and Vicinity: Fair tonight; Sunday partly cloudy with slowly rising temperature, possibly followed by rain in the late afternoon or night; moderate northerly winds, becoming easterly Sunday; minimum temperature tonight near 28.

Massachusetts: Partly cloudy tonight; not so cold in the northwest portion Sunday; increasing cloudiness and rising temperature, followed by rain in the afternoon or at night.

Maine: Fair tonight and slightly colder in southeastern portions; Sunday increasing cloudiness, with slowly rising temperature in southwest portions.

New Hampshire and Vermont: Fair tonight; Sunday increasing cloudiness, with slowly rising temperature, possibly followed by snow or rain in the afternoon or at night.

Rhode Island and Connecticut: Partly cloudy tonight; Sunday increasing cloudiness and rising temperature, followed by rain in the afternoon.

Atlantic Coast north of Sandy Hook: Fresh north winds and partly overcast weather tonight; Sunday increasing cloudiness, probably followed by rain in the south portion.

Official Temperatures

(Standard time, 75th meridian)

	8a.m. Feb.28	Max. Feb.27		8a.m. Feb.28	Max. Feb.27
Albany	26	32	Memphis	50	60
Atlantic City	32	48	Miami	70	72
Boston	29	40	Montreal	18	30
Buffalo	26	32	Nantucket	30	40
Calgary	24	..	New Orleans	56	60
Charleston	54	58	New York	30	42
Chicago	44	52	Philadelphia	36	48
Denver	24	46	Pittsburgh	30	48
Des Moines	34	58	Portland, Me.	28	34
Eastport	30	36	Portland, Ore.	44	52
Galveston	54	58	San Francisco	50	62
Hatteras	44	46	St. Louis	46	60
Helena	32	42	St. Paul	30	38
Jacksonville	62	64	Seattle	44	50
Kansas City	38	62	Tampa	64	68
Los Angeles	52	66	Washington	36	52

High Tides at Boston

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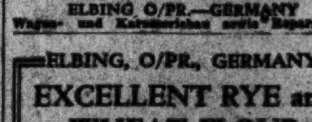
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KLEIN SEES TEST OF SOUND TRADE IN HOME MARKET

Tells Illinois Industrialists Exports Are Only 10 P. C. of Nation's Production

CHICAGO, Feb. 28 (AP)—The market for American goods, Dr. Julius Klein told Midwest manufacturers yesterday, is still primarily in the United States and not in the export field.

The Assistant Secretary of Commerce, addressing the foreign and domestic trade convention of the Illinois Manufacturers' Association, said the consuming power of this country "at its lowest is greater than that of any other country at its highest" and expressed the "devout hope" that "prosperity for us shall never be heavily dependent on our trade with other nations."

Industrialists from nearly a dozen States heard Dr. Klein attach much importance to the relative size of American exports.

"Our export trade continues to hold its relative importance in the leading markets of the world," he said. "Last year, in comparison with 1913, it rose from 64.8 to 66.1 per cent of Canada's imports, from 15 to 24 per cent in Brazil, from 16 to 33 per cent in Chile, from 17 to 32 per cent in Japan, from 10.6 to 10.8 in France, and from 14 to 16 per cent in Italy.

"It has fallen in value as a result of world-wide depression, like that of all other nations, but it is this vital element of relative status which best indicates the prospect of rehabilitation as soon as world-wide buying power recovers. The situation certainly warrants no pessimistic assumption as to impairment of our prospects in contrast with those of our competitors."

Dr. Klein cited export of only 10 per cent of the country's total production as evidence of independence of other nations for domestic prosperity.

George J. Eder, chief of the Latin-American section of the Department of Commerce, said trends of trade in that sector are "much more encouraging" despite a drop extending back to 1929.

Motion Pictures

"Two Hearts in Waltz Time"

Take a theatrical manager who must have a new operetta prepared in two weeks; add two distracted librettists and a temperamental composer. Place them in Vienna. Interpolate the traditional dreamy waltz number—and a mere plot is superfluous.

If there is one, however slight and innocuous, as in "Zwei Herzen im ¾ Takt" (Two Hearts in Waltz Time) now at the Fine Arts Theater, the resulting compound affords a pleasing screen entertainment—prettily sentimental after the manner of productions emanating from the lively Austrian capital.

Toni Hofer, the composer, finds that inspiration refuses to work to order and that the waltz tune needed to make the operetta a "hit" simply will not flow from his fingers to the keys of the piano. Whereupon he retires precipitately from the scene, to the dismay of the manager.

Nicky and Vicky Mahler, the librettists, have a sister, Hedi, who greatly desires to meet the famous Toni Hofer, whose picture makes the front page so often. Her brothers, who know Toni, are not so willing. But, of course, she finds a way.

Under the inspiration of a surprise visit from a beautiful stranger who insists on retaining her anonymity, the composer finds his much-desired waltz tune. Together, they play and sing it. While he is absorbed in playing it a third time the stranger slips away.

Enthusiastically the composer invites the manager and librettists to hear this new number—the best thing he has ever written. Alas, it has completely flown from memory.

Yes, strange but operatically true, the beautiful stranger was none other than Hedi—the one person in all the world in whose memory the precious melody was locked. Hedi saves the situation and a delighted composer gratefully permits her golden head to rest upon his shoulder.

A thoughtful management prints a synopsis of the story in English on the program. Even if the tempo is slower than most Broadway or Hollywood productions, the tuneful melodies and sufficiently diverting comedy of this German photo-comedy should find responsive audiences.

Leather Industry Has Code of Ethics

Reforms in trade practices in the leather industry, looking toward betterment of existing conditions, are indicated today by decision of executives of firms and corporations making sole finding and belting leather, to adopt a code of ethics, to be effective March 9.

These firms represent, outside of the shoe manufacturing and tanning interests, 90 per cent of the total national production, it is said, and the decision follows lengthy discussion of constructive plans of value to the trade, to customers, consumers and distributors.

A recent meeting resulted in agreement on several points including a reaffirmation of cash discount terms on sole leather, 4 per cent, 10 days; a decision to stop at once discriminatory practices which have been destructive to tanners and customers alike, in the shape of allowances of excess discount and end of month datings; and a decision to use a definite contract which defines the responsibility of buyer and seller.

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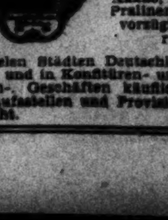
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British Author, Visiting United States, Talks of the Characters in His Books

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PROVIDENCE, R. I.—The station bookstall was positively littered with them. The piles of gayly blurbed "The Good Companions" and "Angel Pavements" were as large as those of all the other books put together. J. B. Priestley, British author and lecturer, had in fact "arrived" in Providence long before his train came in.

Presently he was stepping down from his Pullman—a burly rather stocky Yorkshireman, with a hint of the dales in his speech. Providence was the right American setting for him. Textile mills in this area are largely manned by men who come from Mr. Priestley's home town. His best-known character, Jesiah Oakroyd, of "The Good Companions" would have felt at home immediately. Mr. Priestley himself evidently did, too.

How did he come to write "The Good Companions?" Well, although members of the theatrical profession will tell you that the characters, the setting and the action are true, Mr. Priestley never has been a member of a concert party. Yet, according to him, it's "terribly easy." Actors and actresses are the most self-revealing of people. It only needs a little observation.

One might accept the self-depreciation, but for the fact that "Angel Pavement" is about office life and though business men and women are certainly more reticent than their brothers and sisters of the stage, Mr. Priestley has made no mistakes with them, either. But he has never worked in a business office.

Which of the two books does he like the better? Mr. Priestley did not make a direct reply. "Angel Pavement," he said, was like life; "The Good Companions" was not. "Angel Pavement" left all the characters at sixes and sevens. In "The Good Companions," the ends are—more or less—tidied up.

One has the impression that he looks on "Angel Pavement" as more artistic than the earlier novel. But anyone who has seen Mr. Priestley sit down at the piano and heard him improvise accompaniments to songs he has never met before, will credit him with just a pang of regret that he himself isn't the care-free Inigo, composer of that most whimsical of all popular tunes, "Slipping Round the Corner," which one day some real live Inigo will have to write. Perhaps, who knows, Mr. Priestley will do it himself.

Theaters

Stage and Music Notes

Lily Pons, the new French prima donna who has made a great success at the Metropolitan Opera House in New York, will appear for the first time in Boston in Symphony Hall March 11 under the auspices of the Travelers' Aid Society.

Helen Hayes in "Petticoat Influence," English comedy, is scheduled to open at the Wilbur March 9.

The Harvard University Orchestra (Pierian Sodality of 1808) will give a chamber music concert in Paine Hall March 5.

The Theater Guild play to follow "Elizabeth the Queen" at the Colonial has been tentatively fixed on as G. Bernard Shaw's "Getting Married."

The film "Trader Horn" will inhabit the Majestic next week, beginning tomorrow night.



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EDUCATIONAL

Emphasis on World History in the Grades, Fling Advises

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

Lincoln, Neb.

TEACHING of world history in every grade school in the United States, as well as in the high schools, colleges and universities, and proper emphasis of this subject in the curricula, is urged by Dr. F. F. Fling, professor of European history at the University of Nebraska. Not only the teaching of world history, but giving the students a world vision, instructing them that they are citizens of the world as well as citizens of the United States, Dr. Fling declared, is one of the great essentials of education today.

Dr. Fling was commissioned a major in the World War and helped organize the historical branch of the general staff of the American Army and was chief of the diplomatic section. He was with the presidential peace party at Paris after the war as representative of the historical branch during the whole peace conference.

The utter disregard of world history in most instances in the grade schools and the failure to develop a world historical consciousness, a world vision, in the high schools, colleges and universities, was deplored by Dr Fling. He insists that world history should be made a required subject, as English, foreign langauges and other subject are. If history is required, the American student usually takes United States history and neglects world history. Yet, said Dr. Fling, he cannot understand the history of the United States without this vision of world development.

That the teaching of world history should begin in the grades Dr. Fling believes essential if the masses of the United States are to be given that world vision that will prepare them to deal intelligently with problems of world society.

Though world history has been taught in some junior high schools and in some grade schools, that instruction is not what Dr. Fling believes it should be. World history as he would have it taught is not being presented to the children. He emphasizes that the 6000 years of civilization with its significance should be presented as a whole. He declared that there is not a textbook today that presents this subject so as to give the student the world vision that is essential to an understanding of present-day international problems. Teachers are not teaching it. Only teachers who have the vision to impart to children this concept of world history should be permitted to present the subject.

To understand the world situation today, he said, the student must go back to the beginning of civilization and study its spread from the Tigris and Euphrates, the Nile and the region around the Ægean until it takes in the whole of Europe, spreads across the Atlantic—with the discovery of America—and pushing across the continent and the Pacific to the coast of Asia completed at the close of the nineteenth century the circuit of the globe.

The student should be made to see that while this world society was developing, two forms of world unification appeared. One aimed at the unification of the world by conquest and domination and runs like a red thread from the Empire of Egypt to our own day and the empire of William II of Germany. It was imperialistic, autocratic, hostile to democracy and federation. The other idea was based on world organization in the form of federated democracies. This idea, originating with the Greeks, attained its highest development in our own day in the British commonwealth and the Republic of the United States of America.

But throughout all this 6000 years of development there has been nothing to compare with the last 100 years. The coming of steam, the telephone, telegraph, airplanes, and other inventions annihilated space and brought the 50-odd states constituting this world society into closest contact, making them interdependent. Dr. Fling declared that from his study of world history, he saw, 10 years before the war, that the world was approaching a crisis. It had developed into a world society with no world institutions to deal with the common interests of the states. The elements of world institutions existed in courts of arbitration, international parliaments and conferences at The Hague but the people of the United States did not see the significance of these elementary world institutions. We were out of contact with the rest of the world, with no education to enable us to understand the world problems that were facing us. The result was that when the war came in 1914 we did not understand what it meant. The war was due primarily to the lack of international institutions.

If the United States had understood, it could have demanded, when Austria-Hungary and Germany threatened to attack Serbia, that the controversy be submitted to arbitration and if it was not submitted the United States would not stand by and see a world war, but would join with the side demanding arbitration. In that case, he said, the Central Powers would certainly have submitted.

After the war, the League of Nations came into being, but the American people refused to join.

Dr. Fling declared that after the war he thought the people of the United States would see the need of helping the children from the kindergarten up to see what this world period meant, but the war seems to have had no such effect. It should be stressed in season and out of season, he added, so that the children will grow up impregnated with a world vision that embraces the entire part of man in society that the child may understand his position in the age in which he lives. It is all important that they should see this since, after the war, the center of civilization shifted to the United States. The position of the United States in the world today has little resemblance to that of 100 years ago. It has been forced out of its isolation.

Dr. Fling has no patience with the contention that the teaching of a world-wide citizenship would lessen the love of the children of the United States for their own flag and own country. Proper teaching of this world vision would make them love their own country not less but more. Dr. Fling declared that the United States now has the opportunity to play one of the greatest parts in the whole history of humanity, but that this wonderful opportunity will pass unless its people awaken to appreciate it.

In concluding, Dr. Fling remarked that the industrial and economic situation the United States is facing today is not local but international. The greatest need of the present time is not the creation of political and judicial institutions—that was accomplished by the peace conference at Paris—but of international economic institutions. The industrial situation, he says, will not be overcome until it is adjusted internationally.

Internationalism, as he sees it, simply means organization so that the world can live in peace. It is not a leveling down as the Communist and Socialist think. The organization of a world society would not make France less French, Italy less Italian, but it would help them to be more individualistic; it would leave them free to develop nationally. The world would receive the benefit of this individual national development and advance through the interchange of ideas.



CHILDREN OF ONE OF JAPAN'S PRESENT-DAY SCHOOLS — R. Moulin from Ewing Galloway

These First Graders Have All Adopted the Clothes of the West.

No longer do these little folks of the East scuff lightly to school in their neat little sandals or go sweeping past in their bright little kimonos. No more can the passer-by glimpse orderly rows of Oriental footgear waiting outside the schoolhouse door. Even the buildings can scarcely be distinguished from those of the Occident. But the West hopes the Japanese will retain many charming native characteristics.

Pointers for Poetry Readers

By CARILYN STEVENS

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

II

WHAT, then, can one do to acquire this delightful and valuable medium of expression termed "beauty and flexibility of tone"? In the first place, he must get rid of qualities of thought that fetter his instrument, such as fear, pride, stubbornness, and self-consciousness. The vocal instrument responds with remarkable quickness to thought. The writer has seen fear have such a sudden and marked effect on the voice as to cause the resonators to close to the extent that the result was a thin, flat squawk. Self-consciousness is responsible for many a nasal tone, self-pity for many a minor cadence. If one wishes to read poetry with a maximum of beauty he must be willing to approach his subject with open-mindedness. For this attitude of mind will help to open up his resonators and to "free his tone."

Having done this let him take a "daily dozen" in the form of reading aloud each day some really fine poem. A teacher, who for many years was president of a recognized dramatic school, often told her classes that this exercise taken daily would do wonders for the average voice. But to get the value out of this exercise he must be willing to "color" to the fullest that he can. He must loosen his imagination, he must give the freest expression to the emotions that he can. As he does this daily the ability will grow perceptibly.

Poems for this purpose should have distinct rhyme and rhythm. A good anthology will furnish a choice. The short poems found on the Home Forum page of this paper would furnish excellent material. So-called popular poems should be avoided entirely in this connection. The more artistic the poem the better it will be for the purpose in hand because the artist-poet has already done so much to help us in "coloring" by the arrangement of his "singing-sounds" (m, n, and ng) and by his beautiful arrangement of vowel sequences.

An article appearing some time ago on the "Singing Quality of the Voice" gave some further helps on "freeing the tone."

Prolonging the Nasal Sounds

A still further exercise which has proved of the greatest value in many cases is to prolong the nasals (m, n, and ng) and the vowels. The teacher above referred to gave this as the most valuable single exercise she knew. In reading your poem each day, then, go through it prolonging (or dwelling on) all final nasals. Then go through it prolonging the long vowels—ō, ā, ē, ōō, also ā and ā. This is not difficult to do but may not seem easy to the novice, for the minute he hears his own voice singing away on a nasal or a vowel he may be horrified and promptly stop, thereby shutting off the lovely overtones that he is just beginning to make. Sometimes at first to use a pitch at the piano will help one to get a good start and to be willing to keep it up long enough for himself to recognize the overtones. Two stanzas are given below which will illustrate to the poetry reader what is meant. The sounds which he is to prolong are indicated by italics.

Oh, what if the fowler my blackbird has taken
The roses of dawn blossom over the sea;
Awaken, my blackbird, awaken, awaken,
And sing to me out of my red fuchsia tree.

Let me grow lovely growing old;
So many old things do;
Laces and ivory and gold and silks
Need not be new.

The first of these stanzas is from a poem by Charles Dalmon, the second from one by Karle Wilson Baker.

This exercise, of course, is strictly technical and will, while it is being taken, upset your interpretation or the "coloring" of your poem. But when you, on the next reading, go back to your interpretation you will be grateful for a freer tone. The desirable results may not all come today or tomorrow, for patience and perseverance is the price that the poetry-reader must be willing to pay for the privilege of winning hearts to listen to him. But persistent efforts will be rewarded. One cannot dwell with ennobling thoughts and feelings and constantly try to express them through his voice without at least a measure of success. An added reward will be not only a more satisfying ability to read poetry, but a better quality and more flexibility in his daily speech so that if he only thanks the grocery clerk for a bag of lemons it will be with a graciousness which may sometimes surprise even himself.

Illustration

In concluding it might be enlightening to consider briefly a poem by Padraic Colum called "The Old Woman of the Road" in order to illustrate some points that have been touched upon.

Oh, to have a little house,
To own the hearth and stool and all,
The heaped up logs upon the fire,
The pile of turf against the wall!

To have a clock with weights and chains
And pendulum swinging up and down,
A dresser filled with shining delf
Speckled and blue and white and brown!

I could be happy all the day
Clearing and sweeping hearth and floor
And fixing on their shelf again
My blue and white and speckled store.

I could be quiet there at night
Beside the fire and by myself
Sure of a bed and loath to leave
The ticking clock and the shining delf.

Oh, I am weary of mist and dark
And roads with never a house or bush
And tired I am of bogs and roads
And the crying wind and the lonesome hush.

And I'm praying to God, on high,
I'm praying Him night and day
For a little house—a house of my own—
Out of the wind and the storm's way.

In this poem it will be seen that an old woman who is tired of wandering wants a home, a fireplace, a bed, a clock that ticks, some dishes etcetera. If she has these things she will be satisfied apparently to stay alone and enjoy them. This is the poem on the face of it. If one were to leave it here, however, a poetry-reader is very likely to fine himself reading this beautiful poem much in the same manner that he would a furniture catalogue. This same poem read with a deeper meaning and considerable "coloring" has on various occasions brought a significant message to the hearers, as the writer has discovered. May it not for instance signify the longing of every human being for rest, for "home" safe from weary wanderings?

Further to "color" the poem, the reader will consider each item mentioned in detail and dwell on it with his imagination until he could, if he had ability with the brush, paint this little home with accurate precision. He will see the old woman sweeping her hearth in contented activity until he could paint a portrait of her also. This is what it means to "realize" or "visualize" and the poem will glow in proportion to the ability and willingness of the reader to do this. He can then begin to enrich each detail with a deeper meaning which will vary according to his own spiritual perception. Lastly, he can add still more "color" by filling the poem to the brim with "feeling"—his sympathetic interest and tenderness for this old woman, his loving understanding of her heart, his faith and hope that her prayer will be answered. The ability to do this part of the "coloring" will depend entirely on the reader's own wealth of human affection. As he studies along this line his "tone" will begin somewhat to respond and the furniture catalogue will begin to melt into a poem. If the poetry-reader will still further think of all the wanderers in the world searching for "home" (some of whom, perhaps, may be in his very audience) compassionate tenderness will begin to mellow his voice and soften harsh stridency into depth and richness and his little poem will be almost sure to reach his listeners. All this may not come at the first reading nor the second, but persistent effort will bring its reward.

[Part I of this two-part article was published Feb. 14.]

Help Pupils to Be Intelligent on Employment, Laymen Urge

CALIFORNIAN SCHOOL SURVEY SERIES—No. 11

By COURTLAND HOLDOM

STAFF CORRESPONDENT OF THE CHRISTIAN SCIENCE MONITOR

San Francisco

GETTING the child into the schoolroom, keeping him there regularly, and teaching him something which will be of definite value to him when he seeks employment after graduation are problems which were given detailed consideration by the California Commission for the Study of Educational Problems.

"Enrollment a number of days or weeks after the opening of school, and irregular attendance after enrollment, seriously retard the progress of the child and greatly increase the work of the teacher," the commission's report will declare. "A recent study of school attendance in Delaware found that some form of nonattendance accounted for 96 per cent of the reasons given by teachers for 'repeaters' in the first grade. The additional cost of 'repeating' a grade, and the close relationship between irregular atendance and 'repeating,' justify ceaseless vigilance in keeping school attendance up to the highest possible percentage of enrollment.

"The commission takes pleasure in commending the attention given throughout the greater part of the State to this vital part [regular attendance] of the school organization.

"Unfortunately, however, while the attendance of a large percentage of the children of the State is all that could reasonably be expected, there are a number of counties where this matter is not receiving the attention it demands.

Attendance Supervisor Provided For

"California's school code provides that the county superintendent of schools shall appoint a supervisor of attendance 'upon petition of a majority of the board of school trustees of any county.' The counties in which boards of school trustees fail to present such a petition are likely to be the counties in which attendance supervision is most urgently needed. Unless there is some agency for dealing with the many cases of irregular attendance which are to be found in every county, no matter how small, lax attendance is likely to become in many cases a settled habit, to the serious disadvantage of pupil, teacher and school.

"The commission therefore recommends that the school code be amended so as to establish supervision of attendance in every county, and that in counties where there is evidence of continued failure to enforce the compulsory education law the State Department of Education be empowered to take such action as may be necessary to have the law observed."

Turning to the subject of vocational guidance, the report will say:

"There is reason to believe that for thousands of high school graduates, who cannot go on to college, 'commencement day' is the day on which they commence to wonder for the first time what they should do to earn a living. Usually these graduates take the first job they can get. For a few, this first job proves to be the right one; others, after failing at several jobs, may drift into the right one. Many, however, become misfits, disappointments to their parents and to themselves; employees who, employers complain, are not interested in their work; men and women chained to tasks they dislike, and which they will never perform well.

"Complaints from all corners of California make it evident that despite the liberal expenditures which have been made to establish and house a vast and complicated school system, the great purpose of fitting young people for a definite job has been largely overlooked.

"In view of the tremendous importance of earning a living, it is almost incredible that so little thought is given to the matter by the student, by his parents, or by the school.

"Many parents show little or no interest as to what sort of work their children are best fitted for, and even when they do, they commonly know little of vocations outside their own work, and so are unable to advise wisely.

Not in Average Teacher's Line

"The average teacher is likewise not well equipped to help a student select his life work, for most teachers go directly from high school to normal school, and after graduation return directly to school and begin to teach.

"The commission believes that the rapid increase in the number of high school graduates, the bewildering array of courses offered, and the growing complications of the commercial, industrial and professional worlds, have created an urgent need for full-time, vocational counselors, qualified by previous broad experience in the practical work-a-day world to advise students what callings they may probably follow to best advantage, to the end that they may select suitable school courses, and that they may enjoy the stimulus of knowing what goal they seek.

"The commission realizes, of course, that vocational counselors cannot successfully advise all students, but it believes that such persons would, nevertheless, be of immeasurable help to the thousands of young persons who today are merely drifting through our high schools with no thought as to the future.

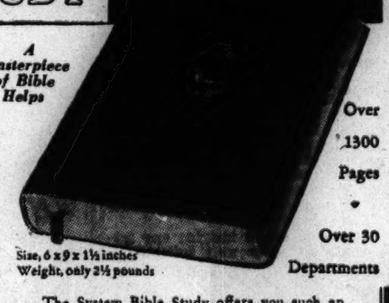
"The commission recommends that in all high schools there be given, not later than the junior year, a course in occupations which shall inform students as to the various kinds of employment and as to what high school courses will help them to enter thereon; that principals and teachers make great efforts to inform themselves through study and reading as to the personnel needs of the industries, business, and the professions, to the end that they may be better qualified to offer suggestions to students seeking advice as to their life work; that in each high school there be assigned from the staff for part-time service a teacher who shall be the best prepared for advising prospective university students as to their choice of courses, and a teacher who shall have had substantial experience in business or industry, preferably both, for advising students as to vocational opportunities not requiring college training."

Care of "problem children" in the public schools will be reviewed in the succeeding article of this series.

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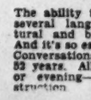
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"PROGRESS at Principia," a monthly publication, informs friends of The Principia about campus activities and events in the development of The Principia College of Liberal Arts. Upon request, this bulletin will be regularly sent without charge to those interested in the School's progress.

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Art News and Comment—Theatrical News

A Painter of the West

By E. C. SHERBURNE

NEW YORK

HORSES have as much individuality as people, when you get to know them. Associate with horses day after day for years and you get to understand them. You can paint them from memory just as accurately as if they were standing before you, if you understand horses inside and out. A horse isn't just an animal, as many people suppose. They think fast when they have to make decisions in picking their way over treacherous footing with men on their backs. I know they think, for I can tell what any horse I know will do under given circumstances."

F. Tenney Johnson, A. N. A., was talking in his New York studio with a caller. On an easel stood a moonlit scene in the High Sierras which Mr. Johnson is finishing for the Spring Academy. "I like to think of moonlight as nature's indirect lighting," the artist remarked. "In the far West, where the air is clear, you can see all the essential structure of the rocks by moonlight, and a good deal of color detail in the foreground. In the middle distance in the desert and canyon country near the Salton Sea, where I often paint, there is the luminous bluish green of the smoke bush, which makes such a good complementary note to the warm sepia tones in the cliffs. Here and there other color notes twinkle. The place is like a carpet without regularity of pattern.

Evoking a Design

"Design is what I search for in a composition. Working so, the painter is able to bring all the parts of his picture into harmony with a simple whole, which is finally arrived at when the relationships of lines, forms and spaces are established. Sometimes I find that this harmonization finally takes the form of a whirling circle or ellipse, with angles radiating from the center completing the oppositions.

"Perspective is an essential factor where the figures of horses are involved. In landscape painting slight errors in perspective are not noticeable, but a small mistake in painting a horse has absurd results for people who know. I have seen such improper foreshortening in paintings that a horse's head would be in effect four to six feet out of its proper plane in the air, and the face so disproportionate that it would be at least five feet long if a horse were actually to look that way. It is easy to paint an awkwardly shaped animal, such as a cow. Its protruding bones provide easy points of measurement. But a horse is graceful in all its parts, with a great smooth flank that flows imperceptibly into a graceful leg, and no big bony point to hang a ruler on.

How to Handle a Bull

"Many's the time knowledge of horses and cattle has served me well. One time I was at a rodeo with a camera to get action studies. I wanted one of a bull coming head on. I stood in the middle of a field while a big white-face longhorn charged as I watched him on my graflex screen. Twenty feet away he came into focus and I snapped the camera. On he came. When he was within six feet I stepped sharply aside and he was coming so fast that he kept right on going. I knew he would turn soon, so I ran for the fence, which was made of two two-by-fours nailed about three feet apart lengthwise on posts around the half-mile field.

"I reached the fence just ahead of the bull, slid through, turned and faced him. He brought up short, surprised. He snorted and made as if to come through at me. I pointed my arm straight in his face and shouted, 'You stay right where you are! Don't you come out here!' He waggled his head a few times, turned tail and crossed the field again, broke down the fence and tossed one of those two-by-fours 20 feet in the air.

"There were 30,000 people looking on, and they cheered when the bull backed off. I couldn't tell that story if I hadn't witnesses to the whole affair. A. Phimister Proctor, the sculptor, was there. Once in Colorado a bunch of Mexican longhorns charged me. If I had started to run they would have trampled me. I knew I must face them. When the head of the line was 10 feet away I struck a sharp pose with outstretched arms and legs. They parted suddenly and went right by in two columns."

A Prairie Boyhood

Mr. Johnson spoke of these encounters as casually as he had talked of moonlight on the mesa. He sketched briefly the history of his pioneering forbears, starting with the emigration of John Johnson of Kent, Eng., to New England in 1636. In 1842 his grandfather became a settler in the wilds of Wisconsin, near what is now Milwaukee. He led the building of the church and the schoolhouse by the little community, and farmed during the week. Sundays he preached, and in winter taught school. After the Civil War Mr. Johnson's father became a settler in Iowa, near the present site of Council Bluffs. There the artist was born and lived for a time on the prairie, returning with his family to Wisconsin, where he attended school. While still a youth he decided to make a career of art. His father and mother both had a talent for painting and drawing. His experiences included scene painting and illustration, a brief period at the Art Students' League in New York and a valuable sojourn in the studio of a painter of the West long known in Texas, Richard Lawrence. For years Mr. Johnson ranged the plains, deserts and mountains, working for many ranch outfits to earn his way while he continued his sketching to mature his style.

Mr. Johnson is represented in the National Gallery, Washington, as well as in private and museum collections in Dallas and Fort Worth, Tex.; New York City; Phoenix, Ariz., and Billings, Mont. He did the drop curtain and two flanking historical murals for the Carthay Circle Theater in Los Angeles. In 1923 he won the Salmagundi purchase prize of $1000. His "Texas Night Herders" won the $1250 purchase prize for a painting depicting ranch life in the Edgar B. Davis competition at San Antonio, Tex., 1929. His "Texas Cattle Rustlers" won the silver medal at the Allied Artists' show in New York in 1929. In 1930 he was awarded the silver medal at the Painters of the West annual exhibition for "Across the Divide." He is an associate of the National Academy of Design, member of the Salmagundi Club and of the National Arts Club in New York City, and of many other artists' organizations, East and West.



F. TENNEY JOHNSON, A. N. A.

Ten Philadelphians

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

Philadelphia

THE Ten Philadelphia Painters, a group of women artists, is holding its twelfth annual exhibition in the galleries of the Art Alliance. The work of Cora Brooks is appearing for the last time, while two new members have joined the group. They are Sue May Gill and Susette S. Keast.

The present annual, though smaller than former ones, contains more significant canvases and has gained in variety through its choice of new exhibiting members.

The art personality of Sue May Gill at once establishes itself. Here is an artist with as much ability to interpret character as to paint still life. Her study of the photographer Richard T. Dooner, so well placed on the canvas, so vital in its sensitive human understanding, is a significant work. Strong, yet well controlled are the vivid, splashy colors of "Poinsettias," with red forms against the white of calla lilies, a sense of flower illusion creeping into the technique where subtle color vibrations melt here and there into background, breaking the outlines and achieving a pleasing pigmental rhythm.

Mary Russell Ferrell Colton's "Se Quop Tena, Hopi Weaver Spinning" is another well-planned color character study. The vivid colors, intense blue, equally intense red against the blue black of shiny hair, and the dull red brown of the spindle add to the strength of the impression without in any way detracting from a nice quality of portraiture.

Mrs. Colton, who has been living near Flagstaff, Ariz., for some years, contributes also a number of interesting landscapes of the Southwest.

Sense of Quest

Pigments are intensely personal in art, and answer some emotional urge in the very fiber of an artist's being. The intense blue in Mrs. Colton's Indian, or in the opaque water of Fern I. Coppedge's Pennsylvania country scenes finds no echo in the individual range of Theresa Bernstein's compositions, where reds, browns, blacks, grays and yellows are handled in pencil-like brush strokes that give a scintillant effect. Thus one may find "The Duck Pond," the bolder "Futuristic Harbor" or the blacks and browns of the head "Cecile." In all these works there is a sense of quest, of inquiry.

Constance Cochrane, on the other hand, hews her colors in strong masses. Vivid blues and greens of water and land are cleft by vivid yellows or reds. Marines lend themselves especially well to Miss Cochrane's color range, "Gold of Evening," "Scudding Clouds" and "Monhegan Light" proving excellent vehicles for color contrasts.

As Miss Cochrane develops her design in broad color masses, so M. Elizabeth Price builds her composition from many small brush strokes, achieving a mosaic effect in her "Morning, Grande Place, Bruges," and in the various flower and ship decorations that one has come to associate with her art.

Character of Locale

Lucile Howard tempers her style to the character of some particular locale. Thus in "The Hills of Kerry, Ireland," she paints with strong, full brush, developing a flow of land contours fertile and colorful, with tiny thatched cottages growing from the soil and centering the interest in a diminutive cart with a red accented figure. A number of Miss Howard's canvases come from the Mont St. Michel, and these are expressed in less flowing rhythms, gaining a sense of crusted antiquity.

Fern I. Coppedge and Susette S. Keast have chosen their subjects from much the same locale in the Delaware Valley, yet their color range and their different viewpoints render their canvases individual. Mrs. Keast, in her "The Bridge at New Hope, Pa," and in "Lambertville, N. J.," develops strong pattern interest by means of adroit pigmentation. Her work is growing in repose. She exhibits also a number of figure compositions and several head studies.

Fern I. Coppedge seems more absorbed in atmospheric changes—in the purplish plum haze of bare trees against the sky in winter; of chill blue icy water; of warm twilight glow striking from the hills down toward the colorful frame and stone houses by the river front or on the winding road to the village.

Isabel Branson Cartwright, whose portraits are always a feature of the exhibition, adds to these a number of harbor sketches which, unlike Miss Cochrane's land and sea impressions, choose for subject matter boats and wharves with their reflections in quiet water.

D. G.

Soviet Policies in Art

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

Moscow

ART, in the forms of drama, literature, painting, and sculpture, is not regarded in the United States of Soviet Russia as a matter of individual creative talent. On the contrary, there is a growing tendency to harness Pegasus to the service of Marx, to demand that art shall fulfill the utilitarian function of serving as "a weapon of class warfare," to employ a familiar Communist phrase, as a means of inspiring in the population enthusiasm for Socialist ideas.

"Art is for the masses. It must aid in remolding all economic life. Art organizes thought. And, as it formerly served the priesthood, the feudal classes, and the bourgeoisie, in the Soviet Union it must serve the proletariat."

This conception of the function of Soviet art was expressed by Felix Kon, head of the arts department of the Commissariat for Education, which exercises general supervision over the dramatic and musical activities of the country, in an interview with a representative of The Christian Science Monitor.

Amateur Dramatics

Mr. Kon attributed special importance to the amateur dramatic activity which, he declared, was springing up all over the country in workers' clubs and similar institutions. The more talented of these amateur performers have developed quite distinctive contributions to the theatrical life of the country, such as the "Tram," or "Theater of Working-class Youth" and the "Blue Blouses," who, in much rougher form and with a strong infusion of propaganda, offer the same sort of varied programs of acting, singing, skits and short plays with which foreign audiences have become familiar through the work of the "Chauve Souris."

When a Soviet dramatist writes a play it must first be sent for approval to the main repertory committee, which is connected with the arts department and which decides whether the proposed play may be produced. After the approval of this body is obtained the play may be submitted to one of the theaters, and its final production depends upon the agreement which may be reached between the dramatist and the theater management. I asked Mr. Kon what plays might not be presented on the Soviet stage.

Propaganda Plus Art

"We demand that every production should be ideologically sound," he replied. "We do not, for instance, permit plays which contain elements of racial chauvinism, or which base their appeal on depiction of the difficulties through which we are passing or which are generally alien to the Soviet viewpoint. While ideological soundness is an essential requisite for our plays, it is by no means the sole requisite. It is not enough that a drama should contain agitation for our ideas; it must also possess artistic merit."

Mr. Kon expressed the opinion that the workers, besides producing their own art, must assimilate the achievements of the past in this field. As a sign of the Soviet policy of spreading cultural entertainment as widely as possible, he pointed to the arrangement under which every Moscow theater, including the State Opera House, spends six weeks or two months every year touring the provinces.

The influence of the revolution and Soviet reconstruction is strongly felt in all the arts. Out of 150 new paintings which appeared in a recent exhibition here, almost half dealt with such themes as machines, new construction projects and workers at various factory tasks. Of the others, many dealt with such subjects as collective farm life and the emancipation of Eastern women. Quite characteristic was one painting which endeavored to point the contrast between old and new village life, showing an old man and woman sitting in their smoky and dirty hut, while their daughter prepares to step out to meet the new life, symbolized by young people in leather jackets who are waiting for her outside.

Current Films

The following lists are offered as information only, not in recommendation of any film.

For Adults

East Lynne. Period costumes and settings in Mrs. Henry Wood's tearful domestic story of long ago. With Ann Harding, Clive Brook, Conrad Nagel, Cecilia Loftus, Beryl Mercer, O. P. Heggie.

Don't Bet on Women. Somewhat sophisticated comedy about two couples and a wager. With Edmund Lowe, Roland Young, Una Merkle and Jeanette MacDonald.

Kept Husbands. Misleading title of a drama about a rich girl who finds that her husband wishes to provide for them both. With Dorothy Mackaill, Joel McCrea, Robert McWade, Clara Kimball Young, Mary Carr and Ned Sparks.

The Southerner. Lawrence Tibbett as a returned prodigal sings himself again into the good graces of his family.

Gentleman's Fate. Jack Gilbert.

Seas Beneath. George O'Brien.

Dance, Fools, Dance. Joan Crawford.

For the Family

Rango. Life in the Sumatran jungle of a man and his son, who keep the tigers at bay and have a funny ourang-outang as pet.

City Lights. Charlie Chaplin in one of his characteristic romantic farces.

Trader Horn. Exciting picture made in the African jungle, Mexico and California. With Edwina Booth, Harry Carey, African natives and animals in variety.

Fighting Caravans. Covered-wagon story, with Ernest Torrence, Tully Marshall, Lily Damita and Gary Cooper.

Father's Son. Lewis Stone as a father who expects too much of his small son, played by Leon Janney. His mother, played by Irene Rich, solves the difficulty.

Lincoln. Griffith's new film.

Disraeli. With George Arliss in a fine performance of Prime Minister under Queen Victoria.

Lightnin'. Will Rogers' homely philosophy shines through a conventional melodramatic story.

The Devil to Pay. The agreeable Ronald Colman as a prodigal returned.

Part Time Wife. Misleading title for pleasant comedy about golf and domesticity.

Reaching for the Moon. Douglas Fairbanks and Bebe Daniels in a society romance.

The Royal Family. Ina Claire and Fredric March in an amusing and touching picture of home life among the actors.

London Art Exhibitions

By FRANK RUTTER

LONDON

LOAN exhibitions, organized in private houses for the benefit of various charities, are becoming more and more numerous in London. At the moment two such exhibitions are open, and in March a third will be added to them.

At the house of Viscount and Viscountess Allendale, at 144 Piccadilly, there is now on view an exhibition of sporting pictures organized on a large scale. Beginning with examples of the early animal painters of the eighteenth century, it continues the tale down to the present day and concludes with some good pictures by Lavery, A. J. Munnings and Lionel Edwards.

The hero of the exhibition, however, certainly among the earlier painters, is George Stubbs, A. R. A. (1724-1806), who stands out as a master not only of animal painting, but of all branches of the art. No picture in the exhibition is finer in quality or gives a more complete sense of mastery than Stubbs's "Portrait of the Third Duke of Portland on a White Horse," a masterpiece of outdoor genre in which we have to admire the painting not only of the horse and dog but of the human figures also, the architectural background and the surrounding landscape. In short, Stubbs here proves himself no narrow specialist, but a fine all-round painter, a real master of high rank.

Scottish Treasures

Other paintings in this exhibition which have special merit are J. Pollard's fishing subjects and Henry Alken's vivacious scenes of "Point to Point" races.

At 27 Grosvenor Square, the home of Mr. and Mrs. Robert Fleming, there is an exhibition of Scottish antiques and art treasures which, in addition to paintings and old silver, includes a number of objects of historical interest. These include relics of Mary Queen of Scots, Prince Charlie, Robert Burns, and the purse of Rob Roy. The chief feature of this exhibition, however, is the interesting series of early Scottish paintings it contains. Beginning with George Jamesone (1587-1644), who was possibly a pupil of Van Dyck, this collection is particularly rich in fine examples of Allan Ramsay and Raeburn.

Explains Sculptures

Meanwhile, Sir Philip Sassoon is busy organizing an exhibition to illustrate the art of "The Four Georges," which will be open at his house, 25 Park Lane, till the end of March. In addition to many picked examples of the eighteenth century pictures by Gainsborough, Reynolds, Romney, Lawrence and other masters, the exhibition will include furniture, silverwork, glass, porcelain, needlework and jewelry. This will be probably the most complete exhibition of the whole art production of the Georgian period that has yet been attempted in any loan exhibition.

Turning from these pleasant reminders of the past to the art production of the present day, the most striking one-man show of the moment consists of new sculptures by Jacob Epstein. While his conception of a "Neanderthal" woman, entitled "Genesis," is calculated to arouse controversy and has no beauty for the normal eye, it will fulfill its function in giving wide publicity to the exhibition.

On the other hand, a dozen new bronzes of recent portraits command respect and admiration; his smiling child, "Joan Greenwood," has real beauty, "La Bohémienne" is subtle in its expressiveness, and half a dozen other heads show that in the power, vitality and characterization of his portraits Epstein is a real master, though in his imaginative works he appears a wayward genius to most folk.

Ben Nicholson

Of recent "group" exhibitions one of the most interesting has been that of the "Seven and Five Society," in the Leicester Galleries. Originally founded about 10 years ago by seven painters and five sculptors, this has grown to be one of London's most "advanced" art groups, with a present membership of 20.

Ben Nicholson is one of the most prominent members of this group of youngish painters. Reflections of his very individual style may be discovered in other members' exhibits. Of the half-dozen he sends, the three little landscapes, lyrical in color, the design in each case reduced to the barest essentials, show his rare talent in its most comprehensible and attractive aspect.

A group of 10 paintings forms Christopher Wood's memorial exhibition. Of these, two landscapes lent by Mr. Nicholson, entitled "Cumberland" and "Cornwall," give the most indisputable evidence of exceptional talent. Some hint of their present owner's style is contained in each. Nevertheless, these paintings of two of the most spectacularly beautiful English counties possess an emotional depth that endows them with a vivid individuality of their own.

Among the other exhibits, Cedric Morris's close-patterned flower piece and two portraits were noticed, and "Garden," by J. Aldridge, in which good use is made of the unusual color contrast afforded by pink brick walls and a chocolate brown summer house. F. Cole's "Country Scene" had the sophisticated charm of the pseudo-naïve. "Negro" and "Golden" were the titles of two fine pieces of stoneware by Staite Murray. John Skeaping's ebony mask of a gazelle and his black alabaster "Lynx" were two other good things on view. A group of charming water colors by P. H. Jowett and some sweet, flowery canvases by Winifred Nicholson further enriched the walls.

Author of 300 Plays

I'd Like to Do It Again. by Owen Davis. New York: Farrar & Rinehart. $3.

UNTIL a few years ago Owen Davis was the modern Lope de Vega. Now, he admits, he is a bit of a slow-poke compared with Edgar Wallace. Wallace recently speeded up a bit and wrote a play in 36 hours, whereas he ordinarily tosses one off in a week in the periods when he is not engaged on more serious writing tasks. So Mr. Davis naturally feels himself out of the running with his allotment of 100 hours' work to the composition of each play. Then there was Ibsen, who thought two years was well spent in bringing one of his dramas to full significance. But why bring that up?

Mr. Davis has written an altogether readable and sensible book about the craft of playmaking. He traces his own development from the days of popular prices melodramas to his winning of the accolade of the Pulitzer prize with "Icebound," and on through a pointed chapter on his recent experiences in Hollywood. He has much to say of practical value. Perhaps the most useful advice to beginners—if they would only take it—is that you must be sure of the last scene of a play before you begin to write the first act.

Another impression one gets from the book is that nobody should undertake the writing of plays as a career unless he can go on indefinitely under the steam of his own enthusiasm. For it is a career that is one disappointment after another if one needs applause for sustenance. Consider the reception given to Davis when he called at the Frohman office for a verdict on one of his early efforts: "You are a strong and husky young man," he was told, "with, so I have heard, some reputation as an athlete. Why don't you take this play of yours and see how far you can throw it?"

Managers hesitate about purchasing plays from unknown writers, Mr. Davis says, because "few of them know enough about a play to have confidence in their own reaction." He states the formula he used for the plot of the scores of melodramas he turned out for the popular-priced circuit before these theaters were put out of business by the motion picture's livelier and handsomer treatment of the same chromo subject. He quotes the line he wrote in all seriousness in the last act of "Nellie, the Beautiful Cloak Model." Having caused half a dozen sorts of near-catastrophes to all but obliterate the heroine, the villain finally traps her again and amiably notes that she is trembling at his approach. He inquires solicitously, "Why do you fear me, Nellie?"

Three times Mr. Davis has changed his style of composition to suit the changing taste of the public, for he is one of those wise men of the theater who is not left behind by altering styles in amusements. He knows that all the old jokes and time-tried situations will always make up the bulk of the traffic of the stage, but the staple goods must be put up in attractive new packages.

In his chapter on Hollywood Mr Davis remarks that supervisors interfere too much with the work of the writers. The result is that is lacking in a single point of view and therefore is lacking in definite character. The best results come from putting a competent man in charge of the whole job and letting him alone. "The ideal screen story," Mr. Davis remarks, "will, I think, be written by the director or directed by the writer; the only difference here is in the words. The man who creates the mood of the story is the author of it, no matter by what name you call him."

E. C. S.

A 'Little Opera'

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

New York

WALTER GREENOUGH presents "The Venetian Glass Nephew," a "little opera" by Eugene Bonner, based on the novel by Elinor Wylie, dramatized by Ruth Hale, evening of Feb. 23, 1931, at the Vanderbilt Theater.

Music is a happy and seemingly indispensable medium for the telling of this artificial and legendary story of an eighteenth century girl aristocrat, Rosalba, who fell in love with the cardinal's nephew. He had been manufactured out of Venetian glass, so could not respond to her warmth. To be near her love always, and never frighten him again, she consents to being changed into a like coldness of porcelain, and they walk off happily through the snow together. This may be the sort of story Beaumarchais meant when he remarked that things too silly to speak may be sung. A sympathetic audience now and then broke into involuntary titters, but on the whole enjoyed the other-world atmosphere of the pieces, the singing of some of the principals, and Mr. Bonner's music. Miss Hale's text often has a happy turn of phrase, and is sufficiently dramatic for the purposes of this queer fable.

Mr. Bonner writes with competence and ease in terms of waltzes, folk songs and minuets, and can make emotion mount to recitative, sonorous climaxes. In the more mournful passages he often gives us a churchly tune to be sung by a sextette, who also act as a sort of chorus to the action in the guise of three fine ladies and gentlemen who sit in flanking boxes, and look on at the story being presented on an inner stage. Often the music has a melodiousness that is good to hear, with now and then themes that neatly escape recognition of their kinship to notes set down by other composers. Distinctly, Mr. Bonner knows his way about. He can be gay, sad, triumphant or serene. Harps and bells tinkle ethereally when the lovers go their way at the end. He can repeat a phrase with slight variations that seem to echo the turn of thought in the words. At least, the words are never negatived by the music. He can be elegant, light and fleeting, can put the nocturne note into a serenade, and provide a crisp dance for a Watteau interlude.

Possibly the composer approved of the orchestral rendering of his music, but we should have liked to hear it handled with a lighter touch. Too often, it seemed to us, the musicians turned Mr Bonner's whipped cream into too substantial butter, to borrow one of Miss Hale's metaphors. This seemed the more evident because of Louis Yaeckel's achievement of the stained-glass mood in his part of the nephew, both in guilelessness of action and in tenor lyricism of song. George Houston, baritone, likewise brought emotional color and agreeably appropriate singing to the rôle of Casanova, who engineered the manufacture of the nephew so ardently desired by the cardinal.

Edgar Stehli lent the solidity of his dramatic authority to a cast that will seem less uncertain as it settles to its difficult task. Mary Silveira, who has had opera experience, will gain in ease in her part of Rosalba, and may consider softening the angular lines of a costume that adds too little to the grace of her performance. Adele Sanderson shines in the sextette.

E. C. S.

The Wallace Collection

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

London

RECENTLY, for the first time since it passed from private ownership into the possession of the nation, Hertford House, the fine old eighteenth-century mansion in the heart of fashionable London, which is the home of the Wallace Collection, has been opened in the evening. The occasion was the private view to members of the National Art Collections Fund of the newly decorated and rearranged galleries.

Galleries XVII and XVIII, on the west side of the building, were reopened after redecoration last spring. Work on Gallery XVI, the magnificent "salle d'honneur" which runs the whole length of the house from east to west, has just been completed. If funds permit, Galleries XIV and XV, on the east side, will be done next.

The redecoration of the galleries now reopened is a triumph of good taste. The walls have been hung with silk brocade in place of the Sundour fabrics which formerly covered them and made a hardly sumptuous enough effect. This is crimson in Gallery XVI, and it makes the only suitable background for the masterpieces of the collection—Titian's "Perseus and Andromeda," Gainsborough's "Mrs. Robinson (Perdita)," Reynolds' charming portrait of "Nelly O'Brien," the famous "Laughing Cavalier" by Franz Hals, Jordaen's "Riches of Autumn," the well-known Rembrandt portrait of his son, the Velasquez and the others. The only important change in the hanging of the pictures is the substitution of a sea piece by William van de Velde for Salvator Rosa's "River Scene."

Green brocade was chosen for Gallery XVII, which contains among various paintings of the Flemish and Dutch schools the only examples of fresco painting in the collection. The green has the cold tempered quality of the greens in the background of the large fresco which is reputed to be a portrait of Gian Galeazzo di Medici as a child, and which is the center of interest in this section of the collection.

Gray brocade covers the walls of Gallery XVIII, where the well-known Watteaus, Lancrets and Paters hang, and in which are many choice specimens of the elegant French furniture of their periods. No detail which could contribute to the harmonious general effect has been neglected. Wainscoting has been marbled, cornices, coving has been marbled, cornices, copgold—even the fire-extinguishing apparatus in the big gallery has been given a coat of "protective" coloring which causes it to become almost indistinguishable at a short distance from the walls.

It is difficult to imagine any settings more handsomely suitable for the particular art treasures they contain than these galleries now provide. That the trustees were enabled to replace the cheaper variety of hangings by silk brocade is, we understand, due mainly to the generosity of Sir Joseph Duveen.

F. R.

'Black Diamonds'

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

SHEFFIELD, Eng.—"Black Diamonds," a talking film dealing with life in the coal mines, has just been produced by C. Hanmer, a former collier from Goldthorpe near here, and will be exhibited throughout Great Britain. This film has been taken in some of the deepest mines of Britain, and is therefore more realistic than any studio production could be.

Mr. Hanmer began work in the pit at the age of 12, but left the mine in order to devote his energies to propaganda for decreasing the danger of the miners' lot. He has made several films, the most celebrated before his present effort being "The Toilers."

The Oxford Theory Again

The Hidden Allusions in Shakespeare's Plays: A Study of the Oxford Theory based on the Records of Early Court Revels and Personalities of the Times, by Eva Turner Clark. New York: William Farquhar Payson. $7.50.

WHEN, in his recent and important book, "William Shakespeare," Sir E. K. Chambers confessed himself unable to "perceive much of the topical" in England's national dramatist, he based his statement upon the assumption that, had Shakespeare dared recognizably to caricature his distinguished contemporaries upon the stage, he would inevitably have "tasted the Marshalsea, and the players would have gone to pad the hoof in the provinces."

Such reasoning is sound enough, on an assumption that the actor from Stratford was also the author of the plays; but, had Sir Edmund's book appeared in time for notice in Mrs. Clark's illuminating and deeply interesting contribution to Shakespearean research, her retort might have run somewhat thus: "Assume, instead, the Oxfordian authorship, and this mystery, in common with others, is solved; since the Earl, who again and again personifies himself in the Shakespearean characters, is referred to in 'Twelfth Night' by Olivia (Elizabeth) as a privileged court jester (the clown, Feste), there being no slander in an 'allowed fool.' This 'allowed fool' is none other than Shakespeare (de Vere) himself, the audacity of whose allusions, in common with the immunity permitted to them, both arise from the fact that they amused the queen."

A Twofold Object

Mrs. Clark's object is twofold: First, correctly to interpret a vast number of topical and personal allusions in the plays to Oxford, and to the events and people of his time; secondly, the establishment of a new Shakespearean chronology, hinted at in the title of the slightly earlier London edition of this same book, "Shakespeare's Plays in the Order of Their Writing." Here again the author turns for authority to the texts of the plays, postulating, as "one of the foundation stones" of her book, the literal truth of Hamlet's words concerning the players, that they are "the abstracts and brief chronicles of the time," and that, consequently, careful examination of the words put into their mouths will reveal identities and events aimed at, together with dates for the first drafts of the plays, many of which were revised again and again.

Now, concerning the dates of these drafts, there has long been recognizable a tendency, even on the part of orthodox commentators, to throw them back to the earliest possible years that are consistent with the possibility of Stratfordian authorship; and Mrs. Clark, by a close study of the Records of the Court Revels, evolves the theory—in which I wholly concur—that the bulk of the plays were drafted, mostly in the form of court masques, between 1576 and 1590, that is to say some 17 years earlier, on an average, than the usually accepted dates.

This transition of the plays, from the court to the public theaters, must have been an open secret to Shakespeare's contemporaries, and provides an explanation of Jonson's line, in "Cynthia's Revels," IV, 1, concerning the "popular breeches" (plays of Shakespeare), that "are not content to be generally noted in court, but will press forward on common stages and brokers' stalls (i. e., sale of quartos) to the public view of the world" (i. e., the Globe Theater).

"Romeo" and the "Merchant"

Thus considered, "Romeo and Juliet," often dated ca. 1591, appears as a dramatization of circumstances attending the violent street brawls between Oxford's men and those of Thomas Knyvet in 1581-82, and the Earl's duel with Knyvet (Tybalt) in 1582; while "The Merchant of Venice," usually dated about 1596, is, thinks Mrs. Clark, the play set down in the Court Revels as "The History of Portio and the demorantes" (Feb. 2, 1580), wherein Portio (Portia) is Queen Elizabeth; her words in I. 2—"I may neither choose whom I would, nor refuse whom I dislike; so is the will of a living daughter curbed by the will of a dead father"—being an obvious reference to the will of her father, Henry VIII, who did, in fact, thus strictly "curb" his daughter's choice of a husband. Shylock becomes simply Michael Lock, Treasurer of the Cathay Company, through whose influence Oxford (Antonio) was brought to invest £3000 (3000 ducats) in Frobisher's expedition of 1578, thereby losing the whole sum. "Portio and demorantes" is, possibly, a mistranscription for "Portia and the Merchants."

In work so inductive and inferential as this, it is, of course, inevitable that differences of opinion should arise; and in one or two instances, notably "King Lear," my own interpretation differs considerably from that of Mrs. Clark; but the deeply significant fact is, that Colonel and Captain Ward, Mrs. Clark and I, working without collusion, and along wholly different lines of approach, have reached fundamentally identical conclusions. We hope, before long, with the help of others, to establish a new and correct chronology for the bulk of the Shakespearean plays.

This sagacious book is one which no serious and thoughtful investigator of today's Shakespearean problems can afford safely to overlook. How, if at all, its main lines of argument are to be refuted, I for one, cannot say.

PERCY ALLEN.

Coolidge Festival Programs

WASHINGTON—Holle's Madrigal Singers, from Stuttgart, Ger., visiting America for the first time, are announced to appear at the Festival of Chamber Music which the Library of Congress holds under the Elizabeth Sprague Coolidge Foundation, April 23-25. They will give the last program of the festival, which consists of vocal pieces by composers of the last five centuries, including Schönberg and Bartók of today.

A work specially written for the festival is a string quartet by Prokofieff, to be produced at the morning concert of April 25, by the Brosa Quartet of London. The schedule for the rest of the time comprises a program of organ and chamber music, with stage action directed by Irene Lewishon, on the evening of April 23; a program of songs and other music for the guitar, presented by Nina Koshetz, soprano, and Miguel Llobet, guitarist, on the morning of April 24; and a program of music for chamber orchestra.

New York Independent Show

NEW YORK—Some 600 exhibitors will be represented with paintings and sculptures at the fifteenth annual show of the Society of Independent Artists, March 6-29, at the Grand Central Palace, New York City. Pictures have come this year from Europe and Japan, as well as from many parts of the United States.

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Music of the World—Theatrical News

A New Ballet by Casavola

By MARIO LABROCA

ROME

THE Teatro Reale dell' Opera gave a threefold entertainment to a large and sympathetic audience—a novelty, a revival and a repetition.

There is little to be said of "Compagnacci," by Ricitelli, which was already known to the Roman public. After the eight years since its first performance, "Compagnacci" shows clearly the web from which it is woven; the lyrical sections are characterized by an emphasis common to imitators of Mascagni, whilst the comic element is a reflection of "Gianni Schicchi," with occasional flights into the domain of operetta. On the whole, in spite of inequalities, the work has a certain compactness and adapts itself with ease to the libretto.

Of a very different character is the "Paolo and Francesca" by Mancinelli, the orchestral conductor. Here we sail the open seas of a music both noble and austere. A fine sense of construction, lyricism under the control of natural good taste, and an admirable knowledge of the orchestra. Though well done, the work is cold and emotionless, as if it were constructed in an experimental laboratory. Paolo and Francesca (these two insupportable personifications of thirteenth-century Italy) and Gianciotto sing excellently, but one feels that if they didn't the world would go on just the same. This is because the opera bears no trace of any personality; there are mannerisms and modes of expression, but one does not feel that the composer has anything original to say.

The performance of both works was as good as one could wish. The "Compagnacci" was conducted with gusto by Maestro Santini and sung by the following excellent artists: Vera Emilica, the tenor Taccani, the baritone Victor Damiani, and Luigi Nardi. The scenic effects were well carried out by Govoni.

"Paolo and Francesca" was conducted by Marinuzzi with the mastery and enthusiasm which we know so well; of the other artists we must first mention Alessio de Paolis, who made the character of Gianciotto stand out in strong relief. Arangi-Lombardi was as good as ever, whilst the performance given by the baritone Victor Damiani and the tenor Masini were in the nature of a revelation. Both works were received with great applause.

"The Castle in the Woods"

Now we come to the novelty of the evening: "Il Castello nel Bosco" ("The Castle in the Woods"), a ballet by Casavola. In spite of the progress made in this form of art, Italy still clings to the dance of 30 years ago. What is a ballet? Many would be at a loss for an answer; we believe a ballet to be something represented by the dance. We mean "danced," not acted, walked, marched or jumped. The argument of the play must be so constructed that there is the possibility for the choreographer to express it by means of dance steps, or by a series of combinations of steps which will result in a harmonious and dynamic whole, standing as a work of art complete in every detail, in the rhythm of the music and the color of the background. Diaghileff gave us a great work of art, and if we wish to continue in his steps, we must go forward, instead of turning back.

These remarks are called for by "Il Castello nel Bosco" by Casavola and Rossato. The libretto by Rossato is poor both in resourcefulness and in interest. The choreography was weak. The music lacks variety and rhythm, especially considering the fairylike subject it deals with. Casavola insists on following too rigidly the "pastoral," and in his lyrical moments he falls into that kind of mannerism which makes the melodrama of the present day sound heavy and clumsy. From Casavola, who rightly prides himself on taking an active part in "futurism," we expected a greater sense of both rhythm and harmony, for it is exactly this conventional harmony which drags music down to a level of dull uniformity. Casavola has talent and gives many striking signs of it in this ballet—which makes it all the more regrettable that he should pander to the taste of a public to which he does not belong.

The only relief produced in the ballet was in the décor and costumes by Prampolini; the stage presented something really new and effective. Maestro Messina conducted well, and the author of "Castello nel Bosco" was greeted with vociferous applause.

Fritz Busch at the Augusteo

The audience of the Augusteo recognized in Fritz Busch a great conductor who is well worthy of his famous brother, the violinist Adolfo, one of the greatest interpreters of the day.

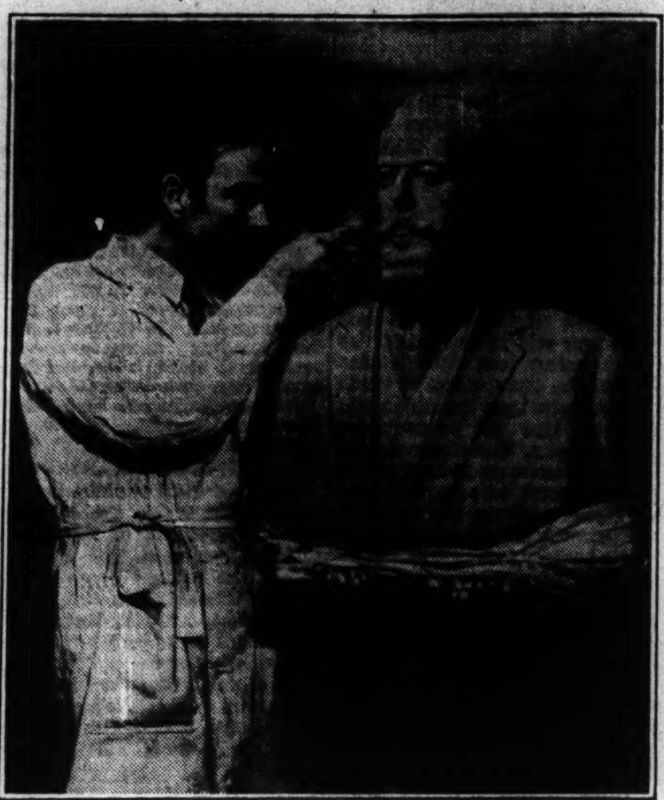
Fritz Busch has all in his favor; a deep knowledge of music, complete mastery over his orchestra, quick sensitiveness, warmth and enthusiasm. He can penetrate into the finest details of a score and extract its hidden essence; with his perception of essentials a composition will become revivified, not through any artificial means but through the fine sensibility of an interpreter who knows how to conjure up emotion with sound. Another unusual—fc the Augusteo—phenomenon was the extraordinary unity of the stringed instruments, which sounded as one voice, rising and falling without ever becoming strident or losing warmth of tone. At this concert the orchestra of the Augusteo showed what it can do under the direction of one who is not only a virtuoso but also an artist.

The public felt at once that it was in the presence of an exceptional talent and showed its appreciation after the Overture to "Freischütz"; but after Brahms's Second Symphony the enthusiasm knew no bounds. This monumental work was carried out by Busch in a way that one seldom has a chance of hearing; a perfect balance between sound and substance, and such vibrating emotion and animation that the audience, which has never shown a great love of Brahms, was completely carried away. The fact that Busch won so great a triumph, not with the usual excerpts from "Tannhaüser" and "Tristan" and the Funeral Marches of Siegfried, but with a composition both profound and weighty and little known to the Roman public—this calls for our highest recognition.

After conducting the brilliant Overture to "Furie di Arlecchino" by Lualdi, Busch introduced two new works, "L'Isola dei Morti," a symphonic poem by Max Reger, and the "Danze di Marosszék" of Kodály.

"L'Isola dei Morti" keeps, harmonically, strictly to the character of its title, and is therefore sad and tearful; the melody is so long and slow that it loses all character and is forgotten as soon as heard. Kodály's "Danze di Marosszek" are better, though not by any means the principal works of the Hungarian master. The "Danze" suffer from an exaggerated insistence on one melody, and the episodes, though full of a lively rhythm, have scarcely enough character to arouse great interest.

Both works, conducted in a masterly manner, were received with much satisfaction.



Photograph by Carlo Edwards, New York

Bust of Giulio Gatti-Casazza, and the Sculptor, Alvino Manca.

When Mr. Bodanzky Sings

By WINTHROP P. TRYON

NEW YORK

DID you ever, perchance, hear Artur Bodanzky, who has charge of the Wagnerian repertory at the Metropolitan Opera, sing? You would have to be specially experienced, methinks, to translate the tones of his voice, or those of almost any other conductor's, into ordinary notes. If you counted yourself among the artists who perform under his baton, you would certainly feel obliged to understand any fragment of tune he happened to chant to you, in order that you might effectually assist him in his interpretations. Not being one, fancy what you would do if, you and he casually meeting, he hummed to you a strain from whatever work he might think of and expected you to recognize it.

For myself, who occasionally have opportunity to talk with Mr. Bodanzky when he is off duty, I wish, for the sake of better comprehension, I could, without hesitating, convert a vocal illustration of his into its equivalent on the scale, and so avoid asking him to repeat. For in an opera house, the proverb, "Art is long and time fleeting," hardly applies; rather there art is itself brief, and the time between one "tum-tee-tum, da-deeda" and the next is likely to be very long, for him who fails to catch the meaning at the moment.

It chanced that Mr. Bodanzky was free a few minutes on the morning of the annual presentation of "Rheingold," which is a part of the special cycle of matinées given at the Metropolitan the second half of the season. To a remark of mine in praise of the "Rheingold" score, he responded:

"Yes; the best of all of Wagner's scores, perhaps, to look at, but the poorest to sound. I have never known a conductor who did not confess he had difficulty with it. You see, Wagner here was breaking away from his early style and was marking out a course for his later music-drama. He wrote beautifully as the eye sees, but he missed reaching the ear. He produced only scattering pages that said what he was aiming to express. And strangely enough, he wrote in a way to overpower the singers, though that was precisely what he tried not to do. The scores of 'Walküre' and 'Siegfried,' while they give you a fuller and more varied sonority, allow the voices to be much better heard."

"How," I asked, "could he effect the transition from the old style to the new so completely as he did between 'Rheingold' and 'Walküre'?"

"Genius," replied he, "learns quickly. Once sure of where it is going, it makes straight for the goal."

"But 'The Flying Dutchman' score. No such uncertainty in that as you find in 'Rheingold.'"

"'The Flying Dutchman,' like 'Tannhäuser,' was revised. 'Rheingold' would have been considerably reconstructed too, I believe, had Wagner got around to the task."

"What of 'Lohengrin'? Nothing experimental in that, is there?"

"Ah, in 'Lohengrin' you have something altogether different from the music-drama type. 'Lohengrin' is a lyric opera, and it stands one of the most successful of Wagner's conceptions. 'Lohengrin,' 'Tristan' and 'Meistersinger;' those, to my mind, are his three greatest achievements. And 'Lohengrin,' in the early style, is just as great as 'Tristan' and 'Meistersinger' in the later. What is the finest melody Wagner wrote, and one of the finest any German composer ever wrote?"

It was there that Mr. Bodanzky resorted to song. Act II of "Lohengrin," after the duet, as the music proceeds in G major.

About as often as they put on "Rheingold," I have the privilege of a look back-stage at the Metropolitan; and on this very morning I was led there by an official of the house to see a portrait bust of Giulio Gatti-Casazza, the managing director, in process of making by the Italian sculptor, Alvino Manca. The way led between the big curtain and vast piles of scenic structures, enough, apparently, for a half-dozen opera productions. But it was all required, they said, for "Rheingold."

"Only once a year," remarked a scene-shifter.

Here was evidence that "Rheingold" as a play, no less than as a score, was something on which Wagner practiced clumsily—but how interestingly!—his hand.

Francisco Pujol, Catalan Musician

By JOSÉ SUBIRÁ

MADRID

AMONG the younger Catalan musicians who, during the last 20 years, have done most to restore musical prestige to their country, the name of Francisco Pujol stands out by virtue of his untiring work as composer, critic and man of action.

For many years Pujol has been assistant conductor of the "Orfeó Catalá," probably the most important choir in the Spanish peninsula, and among the most notable in Europe. Not only in Spain, but in France, Italy and Great Britain, wherever the Orfeó has been heard, its merits have been recognized. And recently the "Unión de los Orfeones catalanes" paid homage to Pujol, the artist, in a concert devoted entirely to his work. This would seem a suitable occasion therefore on which to speak of the man and his activities.

As a practical enthusiast, Pujol has shown a consistent interest in the organization of the "Orfeó Catalá," in its library, and also in the "Obra del Cancionero Catalán," an institution established for the purpose of collecting regional folklore in both literary and musical forms. Already several valuable volumes have been published.

As critic Pujol has written a number of articles, delivered a variety of lectures, and some valuable essays. One recalls particularly his monograph on "Cromatismo, modalidad tonalidad en las canciones populares catalanas" (included in one of the volumes published by the "Obra del Cancionero Catalán") and his lecture on "El vuelo de una canción," published a few months ago.

In the concert devoted to his work many sides of his personality as a composer were revealed: some new, and others which have been for some time apparent in his work. Some of these compositions are written for voice with piano accompaniment, some for choir, some for the "cobla" (a name in Catalonia for an instrumental combination consisting of 12 instruments, among them a "fluviol" or kind of rustic flageolet; "tibles" and [illegible] both oboes of a [illegible] sort; a small kettledrum, cornets, trombone and double bass) and others for a massed choir in conjunction with the "cobla."

On examining the source of Pujol's inspiration we invariably find an element of folklore, most obvious when a popular melody is rendered with graceful rhythmical embellishments. At other times this element appears more subtly, in variations built round the architecture of a predominating theme. Frequently this folklore element may be discerned in a turn of phrase in the melody or through certain cadences which are essentially Catalan in feeling. But whatever uses he makes of this element, he never sacrifices any of the artist's originality of expression.

A glance at the program of the above-mentioned concert confirms what I have just said. On the one hand, we find popular songs that have been harmonized—for example, the humorous "La gata y Belitre" and the song of the Nativity, "Fum, fum, fum"; on the other, variations on popular Catalan songs, like "Los estudiantes de Tolosa." In this latter instance, instead of merely reclothing the melody with decorative variations, Pujol gets at the pith and substance of the story behind the song—a tragic, profoundly interesting legend—and makes a genuine symphonic poem out of it. It is written for the "cobla," not for orchestra.

Among the original songs we would especially draw attention to one called "La retama"—a subtle, erudite and elegant piece of work, and to a collection of "Cancioncitas de Dios nos dé" (particularly those with the subtitles, "Dios nos dé la compañia de dos arboles en invierno" and "Dios nos dé la compañia de dos hojas temblorosas). These are brief but have great intensity of feeling, and are exquisitely elaborated in the piano accompaniment.

Two original works for the "cobla" which appeared on the same program are the sardana "Entremeliada" (Revoltosa), of great rhythmic strength, and the distinctly satirical "Serenata lamentable de un galán desdichado."

Concerts in Berlin

By WALTER SCHRENK

BERLIN

ERICH KLEIBER, returned from America, presented at his first concert at the Staatsoper under den Linden a well-arranged program of old and new music. The new was presented by Alban Berg's concert aria, "Der Wein," for soprano solo and orchestra, on verses by Baudelaire-George. I spoke of this ingenious work on the occasion of its first performance at the Tonkünstlerfest in Königsberg last summer; suffice it to say that the wonderfully balanced form of the aria and the magical effects of the orchestra made the same powerful impression. Ruzena Herlinger was again the soloist, and Erich Kleiber directed the orchestral part with marked feeling for clear-cut expression and tone values. Mozart's D major Serenade (K-V, 328) opened the concert with its extraordinary play of light and shade, dark and austere in the symphonic movement, light and graceful in the Rondo played by the six solo wind-instruments. Kleiber's great musicianship contributed to a wonderful performance of Beethoven's Symphony in A major, which closed the concert.

Jung's "Sinfonietta"

The new work presented at Kleiber's second concert is scarcely worth mentioning. The "Sinfonietta for large orchestra," Op. 5, by Albert Jung, is two generations behind its time; one can sum it up as the "new music of 1870." It is the work of a musician who makes use of a doubtful method in piecing together a most uninspired work of four movements. A really satisfying piece of music was the First Symphony (C maj.) by Carl Maria v Weber. The phantasy in its melodic and rhythmic feeling, the wit and vivacity in the dazzling Finale, the peculiar charm of the orchestration, all go to the making of a masterpiece. The soloist of the evening was the 16-year-old violinist Richard Odnoposoff, from the Argentine; by the way he mastered the difficulties of Joachim's "Hungarian Violinconcert" Op. 11, he showed an exceptional, though mainly technical, talent.

Serge Rachmaninoff's Fourth Piano Concerto (G min., Op. 40) was played by the composer at a concert directed by Bruno Walter. This work is not a spontaneous creation, but rather that of a master of culture and experience. Though the style is obviously influenced by Schumann and Liszt, the music has its own peculiar character through a certain breadth and power of expression, which is perhaps a Russian's inheritance. Rachmaninoff showed complete mastery over his instrument in his brilliant performance of this difficult work.

The "Symphonie Fantastique"

Bruno Walter opened the evening with a stimulating performance of Hector Berlioz's "Symphonie Fantastique." As the work was first performed over 100 years ago we cannot hail it as a new discovery, but we can still follow its original and amazing score with the greatest admiration. Bruno Walter gave a sensitive and sincere rendering of the piece.

Two years ago Otto Klemperer, leading conductor at the Staatsoper am Platz der Republik, was made director of the Philharmonic Choir, founded by Siegfried Ochs. For the first concert given by the choir, Klemperer chose Verdi's Requiem. Though the theatrical element is to be felt in the music, it does not lack depth; on the contrary, it is full of deep religious feeling. By emphasizing the contrasts of the score Klemperer succeeded in bringing out startling effects, particularly in the "dramatic" sections. In spite of not minimizing the theatrical, he showed a strong sense of the sincerity and purity of the work.

At the last concert in the Staatsoper am Platz der Republik Klemperer gave a performance of "Konzertmusik for viola and enlarged chamber-orchestra" by Paul Hindemith. This is a revival of the type of concerted music so much in vogue during the eighteenth century. The solo part is so interwoven with the orchestra that both take an equal share in the development of the thematic material. The voices, too, are equally balanced, which results in natural melodic and rhythmic formations. This polyphonic technique of Hindemith's lends an extraordinary clarity to the inner structure of the work—which is, transparent even to the unprepared listener. The music is profound without raising any problems, full of the joy of life, yet never forsaking the highest standard. Hindemith played his own composition, whilst Otto Klemperer conducted with great finesse. The same evening we heard a wonderful performance of "Also sprach Zarathustra," by Richard Strauss.

Ernest Bloch's prize-winning Rhapsody, "America," aroused great interest in Berlin. In spite of Bloch's denials, a piece with headlines pointing to historical events and a score with poetical quotations—from Walt Whitman—certainly belongs to the genre of "program music." As a matter of fact, in the three movements headed by the dates 1620, 1861-65 and 1926, Bloch tries to describe important events, which, one must admit, he does very successfully; he knows his material and how to use it. At the end, when the hymn to America is played with full orchestra and organ, a brilliant climax is reached which crowns the whole work. The score is masterly and in many instances shows the fine artistic qualities of Ernest Bloch, as, for instance, in the interweaving of themes and in the power of expression of certain "moods." Heinz Unger conducted the performance with complete mastery. No nuance, no possible effect was overlooked, and the orchestra was quick to follow. The whole proved a gigantic success.

Stravinsky in London

SPECIAL FROM MONITOR BUREAU

LONDON

THE British Broadcasting Corporation brought off another big success on Jan. 28, when they devoted their symphony concert to Stravinsky. Their capacity houses average high this season, but they have usually been made with Bach and Beethoven, whereas now the attraction was a composer whose work—deliberately divested of "feeling"—has roused among his partisans and antagonises some of the most vivid feelings of the age. Whether his music, without Stravinsky himself, would have sold out Queen's Hall may be uncertain; however, there he was in propria persona, and there was a distinguished audience to welcome him. Celebrity upon celebrity, row after row. For example, within a few yards of each other could be seen Dr. Mengelberg, Gustav Holst, John Ireland and Roger Quilter—and so on.

Ansermet conducted the orchestra. Until one hears him in such a program one has not measured his powers. His work in the classics often sounds sterile; his sympathies remain cold where Romantics are concerned. But give him modern music, above all give him Stravinsky, and he becomes a Michaelangelesque prophet to whom no idea is too complex to comprehend, no utterance too cryptic to explain.

All five works were drawn from Stravinsky's later compositions; all, according to Edwin Evans's program notes, are significant landmarks in Stravinsky's progress. Taken away from this historical context the Overture to "Mavra" would appear insignificant—a morsel scored for wind instruments, cellos and double basses, the upper strings "eschewed because of their tendency to overexpression." Nor was the Overture particularly well played—the sole thing in which the Orchestra did not excel.

Composer Soloist

The Ballet for String Orchestra, "Appollon Musagètes," next on the program, marks Stravinsky's reconciliation to the strings. It was commissioned by the Library of Congress, Washington, for the Festival organized by Mrs. Coolidge in 1928. Stravinsky here invokes the ideal of seventeenth century ballet. The work is a symbol of that era. In material it is formal enough, but the manner of treatment (coldly gorgeous as Versailles itself) is a masterpiece of scoring. The sound of the string orchestra enchants one through the scenes of the ballet: the heavy splendor is like richest brocade. The B. B. C. string tone was magnificent.

The Concerto for pianoforte and wind instruments, dating from 1923-4, leaves an inconclusive image when judged as music, but as an occasion for the appearance of Stravinsky himself it served well. The lion was greeted with enthusiasm. He had apparently expected hostility, for though he played brilliantly, he sprang up with the last note of the Concerto and vanished into the wings. Recalls and cheering brought him back several times.

The Four Studies for orchestra are even more fine-spun than the Concerto—little mats of music laid on the surface of silence. Dedicated to Ansermet, they were here played in England for the first time. Finally the "Sacre du Printemps"—stark and terrific, but not so bewildering as of yore; and a superb performance.

Royal Philharmonic

A companion concert of Stravinsky's music was radiocast by the B. B. C. on Feb. 1, this time devoted to his early works, which still sparkle with genius. The effect of these two programs was to depict Stravinsky's progress as vividly as if in a set of pictures by Hogarth.

The Royal Philharmonic Society's program in Queen's Hall, Jan. 29, had no sparkle, but brought an enjoyable, pensive performance of Delius's "Brigg Fair" and songs by Mahler and Wolf sung by Elena Gerhardt with an almost too exquisite tristesse. Barbirolli, who conducted, did better in these limited works than in the great mountain tracts of Brahms's Symphony in D. Toscanini set a standard for this work last summer that is hard for anyone to follow. He had the reticence of the heights. Barbirolli, still a very young man, gave us patches of rhetoric, a thing more disturbing to Brahms's music than ragged entries or rough tone. These latter were obviously due to the usual cause—insufficient time at rehearsal. The Sarabande and Cortège from Busoni's Opera "Doktor Faust" had evidently received thorough preparation. It provided half an hour of music forged from intellectual steel.

Dr. Malcolm Sargent, among his important posts, holds that of Conductor of the Royal Choral Society. He arranged a program for Jan. 31 which set side by side three masterpieces of English choral music, Parry's "Blest Pair of Sirens," Holst's "Hymn of Jesus" and Vaughan Williams's "Sea Symphony." The Albert Hall is laggard for sound and the Royal Choral Society so large that Dr. Sargent erred on the side of wisdom when he took Parry's music at a brisk pace. Parry himself was impetuous. Nevertheless, the performance was narrower than Parry's own reading of the work, where the entry of the great melody on the words "O may we soon again renew that song" used fairly to lift one out of one's seat with joy. Holst's music is many times harder. The choir sang it firmly and with an intelligence that spoke volumes for Dr. Sargent's training. Where big effects were intended, Dr. Sargent obtained them. Detail is what disappears in the Albert Hall. It was so now. However, the "Sea Symphony" depends less on detail and more on line and mass. Clearer vistas of music opened out with its first phrases—though here the brass was so vague in intonation that one wondered if the choir could pitch their B flat minor chord.

M. M. S.

Workmen's Concerts in Vienna

By ERWIN STEIN

VIENNA

A VIENNESE music publisher, Dr. David Bach, founded the Institution for Workmen's Symphony Concerts 25 years ago. The first business was to acquaint the workers with the masterpieces of music. Precaution was necessary; programs had to be chosen with care, so as not to frighten off, with too difficult works, an audience which had to be educated into becoming a musical public. It was, however, soon obvious that the Viennese workmen accepted the art with a good deal of understanding and appreciation. In 25 years the standard of the listeners has been so raised that even complicated modern works are understood. These people, so little burdened with education, are less prejudiced against new and unaccustomed music than are the habitués of the important subscription concerts. They are more modest in their judgment, but perhaps surer in their intuition, for the Viennese are an essentially musical race.

So it has come about that the Workmen's Symphony Concerts play an important part in the musical life of Vienna. In their programs we find more modern pieces than in those of any other concerts. Many important works have been heard for the first time, and many conductors have made a reputation at these concerts. Even Furtwängler made his Vienna début at one of the workmen's concerts at a time when he was little known.

Mahler's Sixth Symphony

Every year a few of these concerts are conducted by Anton Webern; these belong to the finest that one can hear in Vienna, for Webern is a really great conductor. A short time ago he gave us a performance of Mahler's Sixth Symphony, which for some reason is called "Tragical." This was quite an event, as the symphony, being one of the most difficult works of the composer, is rarely played, and meets with less success than the other works. That the manner of the performance is responsible for this fact was made obvious to us on this particular evening. Under the leadership of Webern, the naïve and unspoiled audience of workingmen soon found themselves at home in Mahler's world. They followed this difficult work, which lasts an hour and a half, with the closest attention, and were deeply moved by it. At the end the conductor had an ovation in which the orchestra joined.

The success of the symphony with the musicians in the orchestra is all the more to the credit of Webern, as they knew the work and had played it under many conductors, but—in their own words—they had never understood it in the way they did under the inspiration and insight of Webern's leadership. The interpretation of the symphony in its titanic construction is immensely difficult. Some of the movements are as long as a whole symphony. These are powerfully built up of long themes which are cleverly linked together and organically developed. The proportions of the different parts, the individual musical gradations, must be understood and balanced; one must have a thorough grasp of the enormous compass of the work and intellectual strength enough to keep it together during performance. Had Webern failed, the impression made on the public and the musicians would not have been possible. Unfortunately, Webern's reputation as a conductor is known to only a small circle in Vienna. He would otherwise have been called long ago to fill more important posts.

Choral Societies

Still, it is a grateful undertaking to teach the Viennese workers something of the great examples of musical literature. It is much to their honor that they did not reject Mahler's "Tragic" Symphony. After years of educational work their present standard enables them to take an active part in musical life. For instance, there are a number of workmen's choral societies which concern themselves with serious music, many having sung already in the most difficult of modern works. Very few of these people have had any previous training, and some cannot even read the notes; but what they lack in education they gain in enthusiasm for art, industry and high ideals.

The present writer is the leader of such a chorus of more than 300 singers. At present the Ninth Symphony of Beethoven is being studied—technically and vocally no easy matter. Every rehearsal increases one's admiration for the persistence and devotion of these men, who stand at their machines during long hours of the day, or are burdened with the worries of unemployment. The evening finds them all attention and ready to study Beethoven, for, as they say, "Singing is our greatest pleasure."

'The Man Who Pays the Piper'

By J. T. GREIN

LONDON

AT St. Martin's Theater, "The Man Who Pays the Piper," a play by G. B. Stern. Beginning Feb. 10, 1931. The cast:

Dr. Fairley	H. G. Stoker
Rosie	Hilda Trevelyan
Daryll	Diana Wynyard
Rufus Waring	Frank Allenby
Benedictus Greene	Wallace Evennett
Penelope	Merle Tottenham
Fay	Jessica Tandy
Frank	Humphrey Morton
Anthea	Kathleen Carroll
Scott Cottenham	Bruce Belfrage
Bobby	Holland Bennett
Kitty	Janet Morrison
Harry	Peter Scott
Clive	Alan Keith
Raymond	Derrick Lowndes
Powell	E. Vivian Reynolds

As Miss Stern's latest play unwound its endless coil, I realized how immense was her debt of gratitude to Mrs. Patrick Campbell and a few acolytes for the success of "The Matriarch." Without that actress the play would have been in London, as it was in New York, a failure, for want of a dominating personality to hold the skeins together. For Miss Stern, highly distinguished as a novelist, has not the true instinct of the theater. Her plays are not wholly congruous; it is as if she had torn pages from a book and stitched them together by tour de force.

This play is again a "Matriarch"—in Christian surroundings. The eldest of six children of a wishy-washy mother and a domineering father rebels against the old-fashioned paternal conventions. She is modern in every sense. But later, when her father has passed on, she becomes the breadwinner of the family, a mild-mannered tyrant who lets no opportunity pass to make her mother, foolishly remarried to a singer—a mere comic-opera figure—and her brothers and sisters feel that she is the boss who pays the piper.

Two acts are wasted on showing how the family, according to character, bear the yoke—sometimes in pleasing little scenes, more often in wearisome episodes. At length the "piper" accepts the (fiftieth) proposal of an old admirer. She gives up her business, and is bored after two years of marriage; he is about to "cool off" when, in a long spun-out tiff for supremacy in the home, he prevails upon her that it would be a good thing to settle down in peace to the rearing of a family.

Meanwhile we had grown tired of the lady because neither she nor any other of the characters was vital. As comedy goes, the proceedings were heavy-handed, the true spark of humor and of sentiment was lacking. The dimension of all that occurred in the family was disproportionate to its importance. An intuitive dramatist would have felt and corrected this; the producer should have focused it. There was not material enough to go round, and what there was often savored of being dragged in.

The task of the actors was immense and not very grateful. Miss Wynyard and Mr. Allenby carried it with splendid valor. Miss Wynyard was as alive as the author would let her be; only in the one impassioned scene in the last act did her voice not allow her to convey the emotion within her. Among the collateral people of the play, Miss Trevelyan, as the mother, shone by her exquisitely finished performance of a part, in itself grotesque, and Miss Tandy, as the self-effacing Cinderella of the tedious family. From the author's point of view the production was profitable as an object lesson; from ours it was at times—well, a little trying.

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'Drawing-Room' of the Garden an Orderly Exterior Decoration

Considerations in Planning the Herbaceous Border

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU
London

FOR most garden lovers the herbaceous border has a special attraction, and now is a good time to consider it. Perhaps you possess a herbaceous border but are not satisfied with present results, or there is a strip of garden just suited for this addition, or, best of all, you have a completely new garden waiting to be put in order. You cannot then do better than lay aside a part of your new garden for the herbaceous border. Any initial trouble will be fully repaid, for herbaceous plants demand a minimum of trouble compared to the constant attention you must give to bedding out plants.

Do not begin by thinking that the herbaceous border can be made in any haphazard way, merely by dumping in a series of plants without any consideration as to their relationship to each other or to their surroundings. You will need to give as much care and thought to it as if you were furnishing your drawing-room, for is not the herbaceous border the drawing-room of your garden? It should present the pleasant, restful and social side of gardening. Its whole aspect should convey happiness. It should be a place of rest and forgetfulness of the day's work. Certainly as a topic of conversation, herbaceous borders and herbaceous plants form a wonderful bond of union between their owners and other garden lovers.

Your neighbors and friends will present you with many offerings. Select them with care and gratitude, but be no more willing to use them indiscriminatingly than you would to deck your house with offerings intended for a jumble sale. Otherwise your herbaceous border may turn out very like a white elephant sale in the garden.

Considerations

The first consideration is location. Select, if possible, a sunny aspect and if you are favored with a good hedge all the better, this will give you an excellent background against which the vivid colorings of herbaceous plants throw up well. It should also act as a great protection to tall growing plants against north and northwesterly winds.

Your next consideration is soil. Be sure to get this into good condition before planting, for herbaceous plants come to stay in the home you give them. They dislike to be disturbed and will take kindly to well-chosen surroundings, growing stronger and more prolific each year. The soil cannot get an annual overhauling but is dependent on mulchings and other top dressings. Herbaceous plants dislike a spring cleaning as much as most of us. Dig the soil deeply, incorporating a good supply of manure and soot with a sprinkling of lime.

Now you are ready for your plants and this is the really thrilling moment. It is as though your drawing-room were all papered and painted and just waiting for furnishings, cretonnes and cushions. Think of their colors as you select them, try to get a happy blending and avoid unhappy clashes with just as much care as you would avoid inharmonies in your furnishings. Remember their size when you plant them, keep the tall plants at the back and the dwarf plants to the front, grouping your intermediate ones accordingly in between. Avoid such mistakes as hiding a beautiful geum behind a tall-growing aster. Give your plants plenty of room to move actively under the soil. In two years' time they will have spread themselves and the strong ones will be overpowering their gentler neighbors if this point is not remembered.

Make a Plan on Paper

You will be wise to make a simple plan on paper before planting. Arrange your tall plants at the back, allowing two feet between each plant, 1½ feet for medium plants and 1 foot or 6 inches for small or border plants. You can spend a very happy evening arranging the colors, and this plan will also save handling your plants unnecessarily, avoiding the mistake of planting and uprooting them again.

Try to bring into your work a sense of formation and order, also consideration for each plant, its character, size, peculiarities and habits. Your herbaceous border will then be a home in the garden to which you can turn and be sure to find harmony and beauty abundantly expressed.

French Architect Builds Houses of Concrete Tubes to Order

Buying House-Parts Complete at Yards Proves Success

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR
Paris

THE assemblage of reinforced concrete tubes has become one of the most recent experiments in modern building construction. In pioneer days men built their houses of hewn logs and piled stones; more sophisticated times introduced the use of clapboard, timber and stucco, brick, and concrete. With the economic and artistic changes of today, home builders in France are welcoming the opportunity to buy their houses complete at the construction yards and have only to assemble them upon the site of their choice. This idea has been introduced and successfully tried by Henri Sauvage, one of the most visionary and progressive architects of the country, and the most unique of the materials he advocates for these houses is the concrete tube.

According to M. Sauvage, "ready-made" architecture, called in France, "architecture en serie," will be the policy of the future. He believes that architecture has become more of an economic problem than an artistic one. The amount of money involved makes it necessary that more and more construction be done in factories later to be brought to the site of the building for assembling. Thus can enormous savings be realized in labor and expense.

Mass Production

To make practical his idea, M. Sauvage has developed this system of preparing an effective material for small houses, much on the lines of the "portable" bungalow type of cottage produced in the United States, in which the domestic details are complete, the cost is minimized and the materials turned out in a mass production scale. Walls, floors, ceiling and so on are made in lots ready for assembling, leaving only the windows and decorative details to vary in size and style.

As a general medium, he recommends a standardized material of steel to be covered with some soundproof, isothermus and caloufage composition, as straw or cork. The tube houses designed by M. Sauvage further this idea, and still lend themselves to a liberal variation of combinations in design. The tubes are made in series styles at a factory from whence certain forms can be selected by the architect for his house.

Exteriors can have a wealth of artistic softness when constructed in these tubes. Corners can either be eliminated or elaborated, and particularly interesting play is permitted in curved façades.

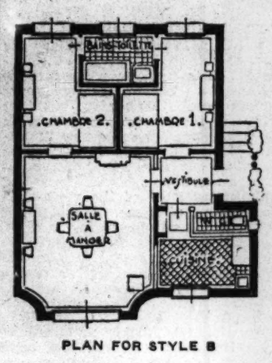
Interiors

Each house has a completeness in its interior ensemble that is necessary to modern life. Living room, dining room, kitchen, bedrooms and bath are all considered from the point of view of convenience and effect. The architect gains in space by combining the living rooms of the smaller type houses in a single area, a practice which modern furnishing modes make both practical and effective.

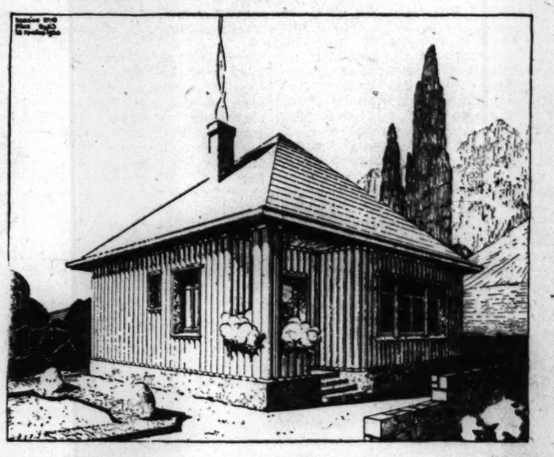
Though mass production is, generally at odds with artistic realization, M. Sauvage's ideas seem to be free from any detrimental cache. Though materials may be standardized and bought in assembled quantities, the actual design of a house can remain unique since its lines and proportions depend entirely upon the wishes of the owner and the ingenuity of the architect.



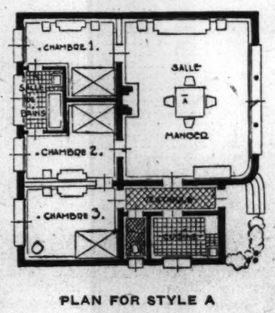
Style B—On Both Sides of the Atlantic Architects and Builders Are Endeavoring to Find Means of Lowering the Construction Cost of the Small House. This Is a Type House Designed by Henri Sauvage, French Architect. It Is Built of Concrete Tubes According to a Formula for Mass Production Advocated by M. Sauvage.



PLAN FOR STYLE B



Style A—Cottage or Bungalow Type of House Constructed of Concrete Tubes. Design by the French Architect, Henri Sauvage.



PLAN FOR STYLE A

Primrose Sweet

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

The very name "primrose" has a fascination for all lovers of the springtime. When these darling little flowers first brighten our gardens in the very early spring we always think of the poets, Keats and Wordsworth, who so dearly loved the English primrose.

One of the most attractive of the primrose family is the English pale yellow long-stemmed variety. It often merges into the bunch primrose, and is closely allied with the oxlip, a coarse-leaved, stronger-growing sort. Among the primroses are many variations of color—the reds and magentas, the gold-faced types with tawny yellow eye, the outer edge dark maroon, and so on. A garden where all these are freely welcome is indeed a place of delight.

Varieties of primroses are grown in England, Iceland, the Alps, India, China and Japan. Primula Vulgaris and primula polyanthus are delightfully interesting to cultivate and one cannot wish for a longer lived plant for our middle Atlantic states. In southern Pennsylvania and Virginia they flourish quite luxuriantly.

The primrose is slow to grow from seed. It requires patience and a let-alone policy. In the northern United States plant the seeds in June in open ground and let the seedlings stay in place just as they come up. In autumn turn a wooden box over them, putting some dry leaves inside. Large plants are perfectly hardy and make a good border in shady places. When the clumps get too large take them up after flowering and divide, leaving two or three crowns to a plant—a very good way to increase one's stock.

L. S. M.

Tom Thumb Gardens in Many Designs

A Dishful of Fun

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

THE first step in making a miniature garden is to choose a suitable container. This must be low and have a fairly large surface. China, pottery or glass are the best materials, but painted tin dishes are often very satisfactory. The size should be left to the individual's taste and the place the garden is to fill.

When you have found just the right dish for your picture fill it two-thirds full of rich soil. Next is the choice of a few small well-shaped and harmoniously colored stones. Many beautiful stones are to be had for the taking from any country road or water front. In my garden I used the small brightly colored stones which are sold at the florist's to use with narcissus bulbs. All white stones may be used in other settings, and common gray stones are often most artistic.

Now For the Plants

Now you are ready to put the plants into your garden. You must be careful to choose only those that remain small as they grow. Tiny ferns for this use are available in many stores for 10 cents each. Where small woodland plants can be secured one or two of these should be added. From the garden you can take rock phlox, sedum, small coleus, begonia slips, violas, Japanese rubber plants, and any other small flowers or plants. In some "pictures" red berries will be attractive. In this case the checkerberry or partridge berry can be found or purchased. Tiny pieces of juniper would fit many a setting, and I have read of sea lavender being used successfully for a miniature hedge.

Some gardens may be made with an all green color scheme. In such cases various grasses, pine seedlings, ferns and mosses should be used. If a picture is to be gay the begonias, coleus, and flowering plants may be used. In my garden I have two tiny coleus, a begonia, and a small fern.

In making your dish garden be sure to keep it simple. Too many plants spoil the effect. When the ones you do have outgrow the setting they must be cut back or else uprooted and others put in their places. Remember even the grass has to be cut in a miniature garden. The fun of caring for this garden is nearly as great as in making it. I cut my grass with the shears and water my "lawn" with a spoon!

The last touch in a living outdoor picture is made by the addition of a few, carefully chosen figures. There is a wide variety of these to choose from for sale in nearly all ten-cent stores. Here you can find, animals, people, soldiers, fairies, bridges, fences, gates, birdhouses, and buildings. Ponds, lakes and rivers are made from small bits of looking-glass. Do not try to use too many figures in one picture. Make several gardens instead. I have a milkmaid beside a fence, with her cow and dog. Down by the pool stands a lone duck. A horse is grazing near by. All these figures cost but 35 cents! Of course most artistic pictures can be made from the wonderful figures on sale at the jewelers' stores, but personally I like mine just as well. If a person has time and talent he can make his own figures and benches or a bird bath at little or no expense out of modeling clay. A clay base holding a nickel ball-bearing makes a splendid gazing ball! Tiny twigs can be fashioned into bridges, cabins, fences and even pagodas. Toys often fit into the rock garden pictures. Tiny dolls, Japanese figures, and other playthings often find their way into the gardens these days. Shells look well in some settings. Bits of lichen, toadstools and seed pods add beauty to many a miniature garden.

Forms a Picture

Each miniature garden forms a picture when it is done. Usually this is just a bit of out-of-doors, but there are many other pictures that can be made in this way. You can make a copy of your own garden. Bits of history can live again in miniature in your garden. Foreign lands may be used as the basis for many unusual pictures. Famous places can be copied. Mount Vernon in miniature, Washington crossing a glass Delaware, or a temple from Japan are all possible to the artistic builder who is willing to take time to fashion something that interests him.

Here are two suggestions for miniature gardens. One is a fairy scene. A cave is made from several large stones. A pool is beside the cave. Toadstools grow beside the pool. Gay little elfs and goblins peep from behind rock ferns and pine seedlings. The second is the desert. Sand is placed in a plain bowl. In one corner a mirror forms an oasis. Beside the water grow several dwarf palms. These are sold at 10 cents each. Across the sand rides a company of Arab horsemen. These sell for 10 cents each. Tiny shells are scattered near the water. Nearly any picture is possible, and the variety of plants that can be used is greatly increased. But from these few hints it can be seen that there is no limit to the kinds of gardens that can be made at little cost.

Notes on Perennials

A golden garden is easily achieved and is always a source of delight. There are yellow flowers for every week of the growing season, beginning with tiny yellow crocus and on through to the magnificent yellow chrysanthemums to round out the year.

* * *

A notebook is sometimes placed at the door of the room where a garden club is meeting and each member is asked to register by writing a few lines about a recent experience of hers in her own garden or some observation about flowers and their culture. This is later made into a club "experience book."

* * *

Geum coccineum "Mrs. Bradshaw" faintly resembles the strawberry plant, and bears double flowers of flame-red. The variety "Lady Stratheden" is similar, but yellow. Both bloom through the summer.

Gift of Double-Nut Tree

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR
Copenhagen

The leader of the recently returned Dana Expedition, Dr. John Schmidt, has presented the Botanical Gardens of Copenhagen with a double coconut, the fruit of the Lodoicea sechellarum, a palm tree indigenous to the Seychelles. The specimen weighs 10 kilograms (20 pounds) and contains several nuts. These trees are to be found in many of the botanical gardens of the world, but it is interesting to watch the growth from the nut to a large palm tree, which, in its native land grows to a height of 100 feet. The double nut was known only from seaborne specimens cast up on the Maldive coast, and other parts, and was thought to grow on a submarine palm and commanded, for a long while, exorbitant prices in the East.

Some Easily Grown Important Annuals

Because They Are Dependable and Long-Blooming

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR
Cos Cob, Conn.

CERTAIN annuals deserve to be grouped under the heading, "Important Annuals," because they are easily grown, dependable, and bloom over a long season. Zinnias are among the first, with a colorful range including scarlet, crimson, orange, yellow, purple, rose and white. The dahlia-flowered type has the largest flowers, with "Giants of California" and the type sold as "mammoth" or "giant" coming next. The quilled flowers of the cactus-flowered zinnia are less effective than the others, and the picotee type has petals tipped with dark color. The dwarf zinnias bear small flowers on 18-inch plants. These are useful to edge the taller sorts. Zinnia mexicana bears gay yellow or brownish flowers, on symmetrical little bushes. This is a useful tall edging, and withstands drought better than any other zinnia.

The annual phloxes are useful for edging for showy mass effects. The color range is red, pink, lilac, violet, yellow and white. "Apricot" and "Primrose" (Isabellina sometimes) are of that rare, neutral buff shade so useful for unusual color schemes. The star phlox has intricately-cut petals and is therefore less colorful. The name petunia is almost a by-word, but how seldom do we see the finer sorts! The magenta of the common sort is awful, but the pink and shades of blue and violet are charming. Too, the plant withstands neglect, drought, and scorching sun. The balcony type, bearing medium-sized blooms of rose, blue, or white, is one of the better petunias. Its semitrailing habit makes it ideal for window boxes. "Rosy Morn" is a low, bushy sort with bright pink flowers. The curled, ruffled, and double-flowering petunias are elegant giants, but less colorful en masse than are the simple sorts.

Calendulas in nankeen-yellow, cream-white, and cream-tipped brown or striped orange are not seen as often as is the orange-colored sort. "Radio," with quilled blooms, is a departure from the usual flat shape in calendulas. The cosmos and China aster give fresh bloom during late summer and autumn. In northern sections it is necessary to use the early-flowering cosmos, lest frost overtake the flowers. Its pink is effective in combination with the lavender hardy asters, as is the crimson with its trace of magenta. White cosmos is the showiest of all during the hazy days of autumn. There is also the crested type, which has a rosette in place of the yellow center, and the ray cosmos, with narrow, twisted petals. The China aster has received much attention from nurserymen, with the result that there are many types from which to choose. The colors are charming: Pale and deep rose, lavender, violet, crimson and white. The types with curled petals, such as Crego, are most graceful. The types vary in blooming season, making possible a succession from late summer until mid-autumn. The single asters, like large colored daisies, have their own simple charm. Asters do well in partial shade, and require water during dry spells.

Vines That Give a Homelike Appearance to the House

Here Are a Few Hardy Varieties Worth Considering

VINES have followed home makers for centuries. In 500 B. C., when Athens was sending out colonists to Africa, to Italy and Spain, the makers of new homes carried three things: some live coals from the home hearth, some earth from the home market place, and slips of vines from the old home doorside.

Besides climatic adaptability, vines are inexpensive, and a fine list of varieties awaits our choice. They are easy to care for—no pruning except the removal of an occasional stray end. Insects and diseases are few and far between. They require little fertilization. And he who plants a vine plants for the years to come.

The question is to pick the right vine for the conditions. Is the vine for wall covering? For the beauty of its flowers? For shade? Do you want a vine to go up to the roof or but part way?

The three vines which make the best permanent wall covers are the English ivy, the Boston (or Japan) ivy, and the climbing forms of euonymus or winter creeper. The English and Boston ivies cling tenaciously to smooth surfaces of stone, brick, stucco and wood. They are beautiful in their dainty, lacelike greens. From the first, they stand out in perfect detail against neutral backgrounds.

Their Individual Qualities

Which of these varieties is better? The Boston ivy is the hardier; it stands the winters of New England and the Northwest. The English ivy should not be used much north of Philadelphia or Kansas City. English ivy is evergreen; the Boston makes up for this by its gorgeous display of scarlet in the autumn. The two varieties of English ivy are: first, Hedera helix, with leaves three inches across; second, H. h. gracilis, with tiny foliage, especially lovely on walls and fences.

One of the best evergreen wall covers for America is the evergreen bittersweet, or the big-leaf winter creeper. This splendid, hardy vine has glorious foliage and quantities of orange-red berries.

For dense summer shade, and none in winter, nature has accommodatingly given us two varieties. These are the kudzu vine (pueraria) and the Dutchman's pipe vine (aristolochia sipho). The former is a rapid grower, a perennial, starting anew from the roots each spring. It has attained a height of 50 feet in one season. In cold regions, it should be mulched in winter. Dutchman's pipe is perfectly hardy. Both varieties flower freely; both provide dense shade.

If for Flowers

If, however, flowers are the first consideration, the members of the clematis family should be considered. The large-flowered type are the most beautiful, but they are the hardest to handle. They need deep, fertile soil; they must be well mulched in the winter; they need plenty of water, and a lattice work to climb on.

The most reliable variety is probably Jackmani, a rich, satin-purple color. Others are henryi, a cream white; Ramona, a double-flowered, pure white; and Mme. Edouard Andre, a red. Clematis montana is a vigorous climber and thrives everywhere and in all types of soils. It bears white flowers profusively in April and May.

The golden clematis flowers in midsummer. It is a moderate grower, producing golden flowers in June, and often again in September. For autumn flowering, there is the well-known Virgins flower, Clematis virginiana. It has masses of small white blossoms. Clematis paniculata has dense, sweetly scented foliage.

A Royal Family

The most kingly of all vines is the wisteria. Each season adds dignity and beauty to the vine. All it requires is something to twine about; otherwise it cares for itself. The two best known forms are the blue Chinese sinensis, and its white sister, alba. The Japanese variety, multijna, has the most artistic growth. All wisterias are splendid for covering old trees, pergolas and the home.

An excellent vine, not at all as well known as it deserves to be, is the hardy climber, Polyzonum auberti, the silver lace vine. It thrives in all locations, is not fussy as to soil, and bears long sprays of white flowers.

A decorative and hardy climber is the trumpet vine—bignonia. It goes to the top of anything it can twine around, or will spread out gracefully.

The honeysuckles, or woodbines, are always favorites. Hall Japanese is strikingly beautiful with its thick, glossy leaves, which are fragrant. Other fragrant vines are Akebia with its distinct cinnamon odor; the madeira vine with its pleasant, penetrating odor; and for southern home lovers, the yellow and white jasmines.

DOBBIE'S

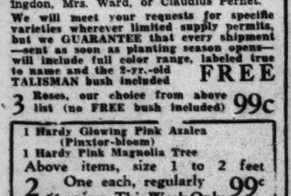
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INTERIOR·DECORATION·AND·ANTIQUES

Choosing and Placing Hangings

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WHEN made of handsome materials in rich hues and hung with a slight fullness, wall hangings are smartly modern and of great value in home decoration, imparting to a room richness and color. They can be used in almost any part of the house, but especially in entrance halls, dining rooms, and bedrooms.

A wall hanging is a valuable aid in creating a "picture," a pleasing point of interest, in any desired part of a room. Where there are few or no pictures, several hangings can be used to give the upper walls an attractive paneled effect. They can be employed so as to make a too low ceiling appear higher. Always they are hung above some piece of furniture, usually an important one, as a buffet, china cabinet, writing desk, bed, dresser. Thus they make a wonderfully effective background showing off the furniture to advantage.

Suitable materials may contain a pattern, but this article is concerned with the use of plain fabrics. These look well anywhere, against either figured wall papers or plain walls. The goods should be suitable in texture, and its color lovely and interesting. Among the many to chose from are velvet, velour, certain rayon weaves having a high luster, and metallic cloth in gold, silver, etc.

A silver colored wall hanging is charming in a room having gold colored walls or in one with woodwork painted golden-yellow and cream walls. It looks well, in fact, in any room with light-toned woodwork and dainty furnishings.

Gold colored material is effective against ivory-toned walls. In a room containing dark and rich colors the hanging, however light colored the walls, should also be dark and rich. Often the right choice for use will be found among the colors in the upholstery or rug.

The width of a wall hanging should usually be two-thirds or three-quarters the width of the piece of furniture under it. Above a writing desk 38 inches wide, a good width on the wall is about 24 inches. But the stuff itself should be cut about 33 inches wide, so it will hang slightly full. A fairly reliable rule is to allow for every inch of width on the wall to be covered an additional three-eighths inch for fullness. Some fabrics, however, require more fullness than this.

To make a wall hanging one has only to turn all four edges under three or four inches and hem them invisibly by hand. There should be no heading of any kind at the top.

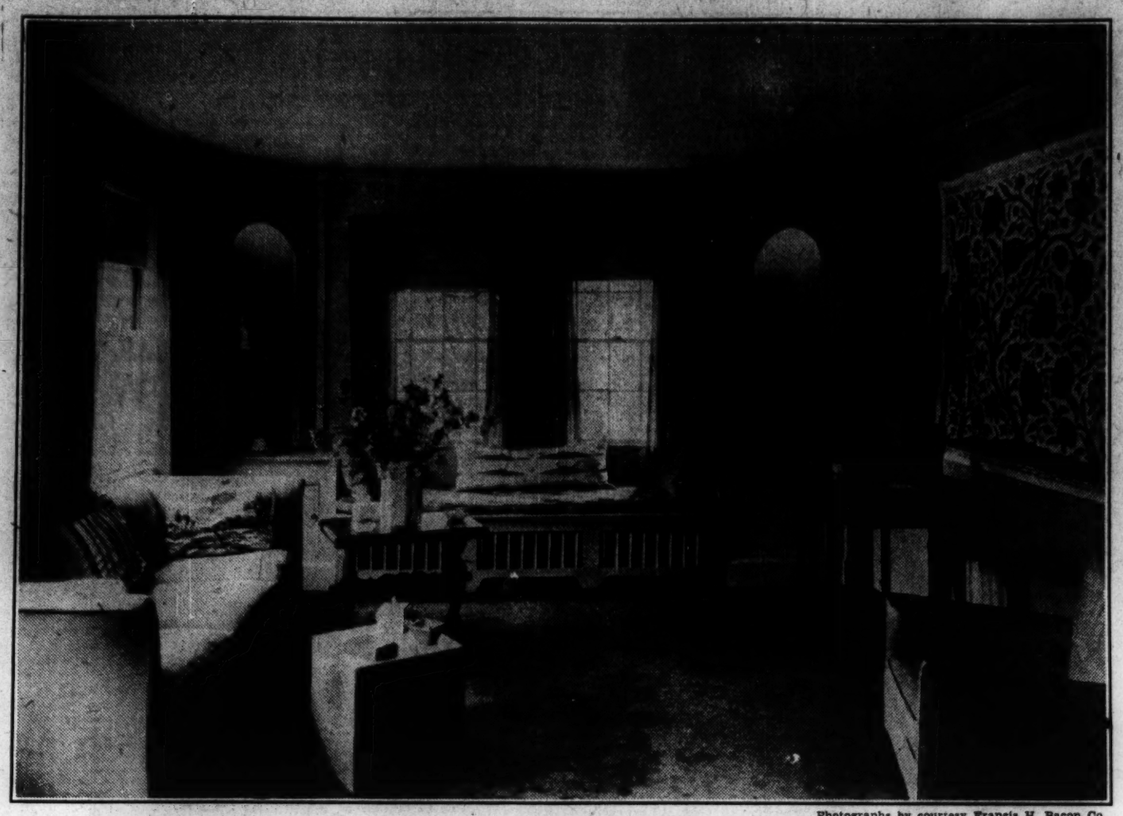
Next, attach a length of strong tape to the back of the top hem, catching the hem with needle and thread every six inches, and allowing an even amount of fullness between these caught places. This avoids the use of tucks and pleats.

One method of hanging requires cords and a pole. Sew small rings, six inches apart, to the tape and run them over a metal or wooden pole having decorative ends. The pole is suspended by two cords, one at each side, which are attached at the top of the wall, next the ceiling; if there is a picture molding lower down, attach the cords there. The pole usually should come about one foot below the top of the cord. The cords extend downward from the pole for several inches at the sides of the wall hanging, and end in a long tassel.

Cords and pole can be omitted and the tape tacked at the top of the wall or close under a molding. This method has the great advantage of simplicity. If the joining of the upper walls and ceiling is rounding, without molding anywhere, tack the hanging just below this rounding part.

When hangings are employed to make a ceiling look higher, use two of them, as high as possible. Place them on opposite walls, both near the center of the room rather than off toward some corner.

A single wall hanging often looks well, but if one wishes, several can be used in a good-sized room having bare walls. Where two or more are used in one room, they should be exactly alike, except as to size, this depending on the piece of furniture underneath.



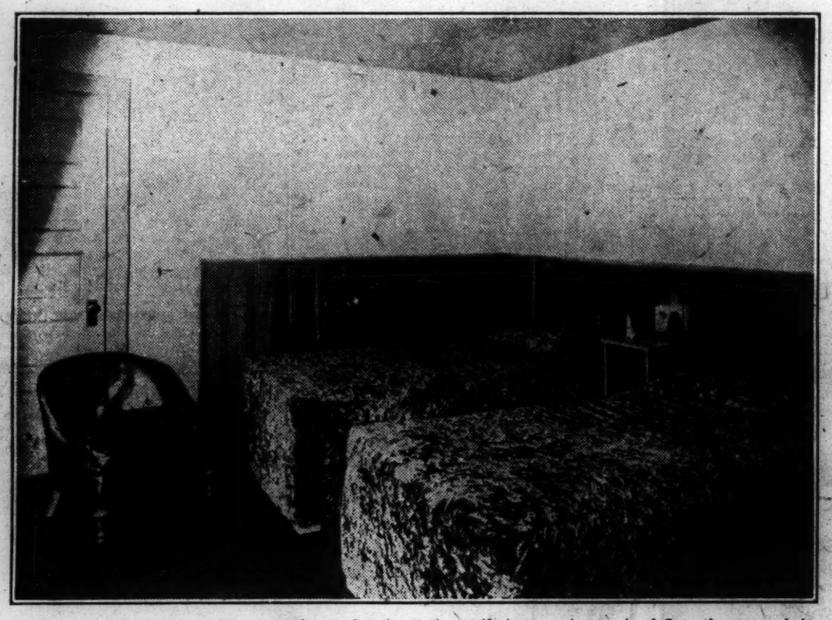
Photographs by courtesy Francis H. Bacon Co.

THE MODERN NOTE IN DECORATION MAY YIELD MELODY AS WELL AS NOVELTY

The freshness and vivacity that are the chief charm of the modernist ideas in decoration can be obtained without startling eccentricity, as may be seen in these views of two rooms in the seashore house of Harold Walker at Beverly Farms, Mass.

The major color range is from cinnamon brown, in the room-size rug, to beige, in the walls and the scrim glass curtains. The woodwork might be called cocoa color, for it is a light, pinkish brown. The fabrikoid cover of the couch is a few tones lighter than the rug.

Turquoise for the easy chair and the stand and coral for the interior of the two small arched recesses give the necessary contrast to the dominant scale. These same two notes are struck in the rust and turquoise of the window seat cover and its pillow of cream with a deep brown figure having a dash of coral. Unbleached linen draperies and a crewel wall hanging that repeats the important tones about it, are other fabrics to be noticed.



Extreme simplicity of equipment and an almost complete absence of decorative form may still allow the play of æsthetic discretion in the wise use of colors. The areas in this bedroom are severe and rectangular, but the effect is happily subdued, with an air of luxury. A cinnamon brown rug and bed covers of the same tone in crushed plush supply the heavy hues. The walls and woodwork are of subtle tones that are not easy to define, the paper being a very light pinkish brown, the wood and the bedside stand similar but a little darker. A pale green tint has been given to the ceiling; gold fabricord covers the chair; a small table light has a white frosted glass cylinder on a metallic black base. A dado-like drapery about the beds is of cinnamon and jade changeable net, box plaited.

Currier and Ives as Historians

By CARL GREENLEAF BEEDE

TO MOST people who have given them any attention at all, the common colored pictures known as "Currier and Ives" have been of interest mainly because of their rapid increase in value during recent years. In some cases the subjects are of enough local importance to excite the desire of those who seek early pictorial records of certain places, so changed in appearance in 70 or 80 years.

Scenes of country life may revive the experiences of youthful days of work or play, if one can thus look back far enough. Or perhaps we know some quiet refuge of today, remote and unspoiled and full of delight, that is suggested by one of these quaint prints, and so we like it.

Too many, it has often seemed to me, buy them because others do, not stirred by any appeal of the thing itself. Collectors of these lithographs find a multitude of reasons for acquiring large numbers—the building up of sets; specializing in a favorite class; securing the rarest issues; getting the greatest possible number. It is to them, these enthusiasts, that is due the credit for the present regard for these purely American records.

The present showing of a selection of 194 at New York Public Library, to remain through March, indicates this institution's evaluation of Currier and Ives lithographs. They refer to them as "an authentic record of an exceedingly interesting period of American life."

Most of these prints were loaned by Harry T. Peters, who writes the introduction to the catalogue. From this we quote:

"During the period of half a century, starting about 1835 and continuing actively through the next 50 years until about 1885, Currier and Ives created what we now know as the largest pictorial record of America. While the firm continued on in a desultory manner until its final dissolution in 1907, it produced very little of interest or, for that matter, much of record after about 1885. . . .

"A proper appreciation can only be had if we realize that there were no news reels, no photographs, no Sunday supplements—in fact nothing of a pictorial nature was really in the field as we understand it today. Works of art came to us at high prices from Europe in clipper ships but they were far beyond the average pocketbook of America.

"It was to supply this need that Nathaniel Currier produced his lithographs, hand colored, for six cents apiece at the start. Later the price advanced to 20 cents each for very much inferior ones. The large folios now so famous sold at from $1 to $3. There is no evidence to show that they sold any print at retail from their own shop for over $3. . . .

Important History If Not Art

"There are those who have criticized their artistic merits. Can there be any basis for this when we consider the price and the fact that their slogan for years was 'Works of Art to brighten the home within the reach of all'? Any firm that for half a century turned out two or more pictures of national interest a week, that exerted an esthetic and artistic influence on a nation, that carried a message or news of the events and progress of the day by stagecoach packages to our far-distant states, that introduced Lincoln, helped to immortalize the clipper ship (our greatest sporting venture), visualized the gold rush that started an epoch and changed the speed of the world, and could leave us a record in pictures of all we have read about our growing pains, surely needs no defender on the side of artistic merit. . . .

"All their prints are lithographs, one color ink on paper, colored by hand. The process that was called lithography . . . writing upon stone, was discovered by Aloys Senefelder, the Bavarian, about 1795. This Bavarian discovery traveled to France and England; from there it was brought to Boston early in the last century by Bass Otis.

"The Pendletons started as lithographers in Boston in 1824 and by the year 1828 they were flourishing and took for apprentice a 14-year-old boy from Newburyport, Mass.—Nathaniel Currier. About five later, when he had learned his craft, he went to Philadelphia, then to New York, where after a few unsuccessful attempts he definitely launched himself about 1834.

Currier's First News Exploit

"The history of the house of Currier and Ives, printmakers to the American people, had started. The year 1840 was to see it a national institution. On a bitter January night in 1840 the steamboat Lexington caught fire in Long Island Sound. More than a hundred lives were lost. Three days later Mr. Currier was ready with a picture of the burning ship together with seven columns of detailed description of the disaster, which was set up in the Sun office. There was such demand for this extra Sun that the presses had to be kept running night and day; Mr. Currier himself wrapped and tied the bundles. When those busy days came to an end Mr. Currier had a national reputation. The Sun put out the issue as an illustrated extra or supplement. Fame had come and a new era had been established—that of the illustrated newspaper. It was just this instinctive news sense, combined with speed, that fairly launched the 'Currier and Ives Printshop.' Of course, it was then N. Currier but for the sake of convenience we have come to speak of the whole gallery of achievement as 'Currier and Ives.' Throughout the entire active life of the firm this news sense, together with a very highly developed sense of what the public wanted, formed the real keynote of their success.

"In 1857 Nathaniel Currier took for a partner James M. Ives, his brother-in-law, and for many years previous his bookkeeper. They went on happily and prosperously until the world was changed by new methods of steam presses, chromo-lithographs, photography, illustrated papers transported by express trains, in fact by time and progress.

"During their fifty years of service to America they assembled an extraordinary staff of artists, pictorial news-gatherers, lithographers, colorists, and distributors, many of whom graduated to become famous in their own lines. But that is another story too long to tell here, because a roster of all those who worked and served under their banners, from time to time, would fill a volume itself.

"What we are concerned with is the extraordinary pictorial panorama of 6000 prints that they have left, depicting the growth of a nation during its period of transition, a War of the Rebellion, a War with Mexico, Lincoln, the Gold Rush, the Indian and Buffalo, the Mississippi River and its Steamboats, Barnum and his freaks, Presidents and their cabinets, cartoons of bitter political struggles, the Wayside Inn, the New England Farm House, Winter in the Country, Home to Thanksgiving, the Winning and the holding of the America's Cup, Temperance Banners . . . the costumes and customs of a people . . . in fact it would indeed be a most difficult task to find any story or episode in our early history that could not be illustrated from the gallery. Just America in 6000, hand-colored lithographs for the people . . . What an achievement."

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Annual Exposition Opens

By HELEN JOHNSON KEYES

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

New York

THE Third International Antiques Exposition opened its doors in the Grand Central Palace on Friday evening, Feb. 27, to a throng of representative New Yorkers, who paid their enthusiastic tribute to beauty, to history, and to the home. For—deny it who will—the love of home survives and is ineradicable and is undoubtedly responsible for nine-tenths of the interest in the magnificent layouts which enrich two floors of the "Palace."

This New York exposition, the most significant event of its kind held anywhere in this country, brings together precious collections owned by dealers all over the United States, England, Europe and the Orient. To socialize these collections many rooms have been built; fires kindled upon hearths, flowers piled in vases, silver and china spread upon tables so that one's emotions are stirred by the continuity of the home thought down the generations.

Notable among these arrangements are four rooms of a Georgian house built around a court, done by Norman E. Adams and the Arden studios. The living room is paneled in carved pine, taken from an old London inn. A Louis XVI suite of living room, library and sitting room is fitted with antique boiserie and with furniture, tapestry and objets d'art of this period in France.

The actual "treaty room" from Ye Old Treaty House in Uxbridge, Eng., built in 1575, is reconstructed. In this room was held the conference between the commissioners of Charles I and of Cromwell in 1645. Louis L. Allen acquired the interior and brought it intact to the United States. It is about 21x18 feet and is paneled in oak, which has acquired, with the passage of three centuries, a rich red overtone like burning coals. The fine fireplace has a paneled overmantel and opposite it is a bay window with a paneled wainscot beautifully carved in the style of James I.

One of the most magnificent of the displays is offered by Charles of London—an oak-paneled room of the James I period, from the Great House, Whitehall, Shrewsbury. It is furnished with glowing pieces of Elizabethan, Jacobean, Queen Anne and Chippendale styles. Charlton House brings together eighteenth and nineteenth century furniture and accessories from France, England, Spain, Sardinia and Venice.

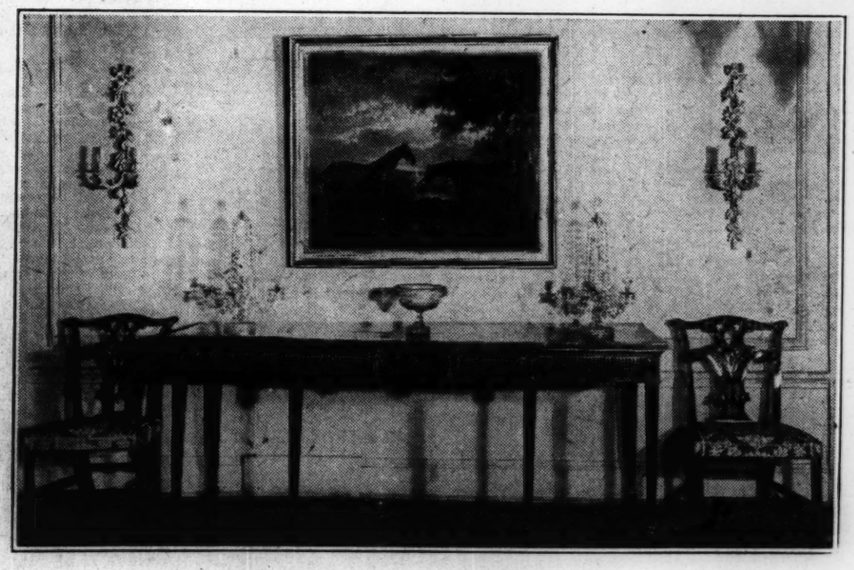
Besides complete rooms there are many collections of individual categories—rare pieces of cabinet work, tapestries, silver, pewter, porcelain, iron, rugs, quilts, prints, paintings.

One of the most remarkable exhibits is that of the Rosenbach company which, within a Georgian-pine room, furnished with eighteenth-century occasional pieces and French and English prints, shows such thrilling objects as the knife, fork, spoon and cup used by Napoleon on St. Helena; letters in the handwriting of King Ferdinand and Queen Isabella of Spain; the private prayer book of Henry III of France, and priceless Americana. The exposition continues through March 7.

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BOOK REVIEWS AND LITERARY NEWS

To Meet Shakespeare

The Approach to Shakespeare, by J. W. Mackail. New York: Oxford University Press. $2.50.

WITH the serene courtesy which marks the true humanist and which is apparent in everything that Mr. Mackail has written, this distinguished scholar leads us along the way to an understanding of Shakespeare. His little book includes the substance, with revisions, of a series of lectures delivered at the University of London; and though it is not to be regarded merely as a manual for beginners its primary concern is to afford "a starting point for advanced and scholarly study," to prepare the young thought of those who are on the threshold of the world of Shakespeare wherein lie for them illimitable possibilities of growth.

The student who intends to dedicate himself to Shakespearean research must be wary of a too deep saturation in the problems of scholarship before he is first steeped in the texts which he is to explore. Mr. Mackail's first and last counsel to all such students is "to read Shakespeare," to become a citizen of his world, acquainted with all its places and events, its men and women. Then and only then should the other "things" be added unto them: the problems of dates and sources and analogues and technique and collaboration and variant readings and all the rest. Not that Mr. Mackail affects to despise these occupations of the scholars; only they should not become preoccupations to the exclusion of what is more important; first things should be put first. "The play's the thing wherewith to catch the conscience" of us all. This should be obvious; but it is not and it needs to be insisted upon. Scholarly investigations pursued as ends in themselves run the risk of becoming dehumanized; absorption in minute details carries with it the risk of neglecting the vital human element.

Cut Versions Deplored

Moreover, since Shakespeare was a practical playwright writing for the playhouse, it is not enough to read the dramas; they should be seen whenever possible and as often as possible upon the stage, and in settings which at least are suggestive of those for which they were originally designed. Mr. Mackail deplores modern "cut" versions. He goes, however, somewhat far when he suggests that boys should once more take the female parts, as they did originally. Does not Shakespeare himself once at least indicate that he accepts boy actors faute de mieux?

The lectures proceed in the main chronologically. Much of the pathway is through familiar ground, but at many points Mr. Mackail indicates some fresh feature in the landscape. He suggestively divides the history-plays in three sub-categories: first, the crude, episodic dramatization of scenes in the national past with little or no structural unity; second, the dramatic treatment of one central tragic figure; third, history treated as pageant, as in "Henry VIII." Between his second and third types we are inclined to insert another subdivision, represented by "Henry IV" and Heywood's "Edward IV," in which matters of high history are intermingled with homely humorous realistic subjects.

The discussion of "Julius Cæsar" is interesting, for the play is shown to be a connecting link between the histories and the tragedies, partaking of the features of both genres. Mr. Mackail inclines toward the theory of J. M. Robertson that "Julius Cæsar" was originally in two parts, but (more cautious than Robertson) he thinks it likely that as a two-part piece it existed solely in the thought of Shakespeare, who conceived it as such, though he later decided to condense his material into a single drama. Something similar is observable in "A Winter's Tale," where the first three acts, forming a miniature tragedy, are really complete in themselves. Another suggestive discussion is that of the character of Albany in "King Lear," a person whose central and pivotal position in the play is seldom recognised.

The Question of Revision

Often (probably because of the pressure upon his limited space) Mr. Mackail takes for granted matters that are highly debatable. Though believing in the essential authenticity of the Shakespearean canon (with a few well-defined exceptions), he goes further than many scholars are willing to follow him in admitting the presence of other "hands" in the texts. Some specialists (Sir Edmund Chambers for example), will take issue sharply with his views on the vexed question of revision. "It is probable," says Mr. Mackail, "that whenever a play of his was revived, and even while its first run was going on, he went over it, putting in, taking out, recasting whole scenes, rewriting whole speeches, besides making many minor alterations." Chambers would categorically deny the probability of this. Mr. Mackail runs counter to the best prevailing opinion when he puts "All's Well" so early in his chronological scheme, without allowing for revision and without relating it to "Measure for Measure," with which it has obviously close affinities.

One is surprised to find him lending the support of his authority almost without qualification to the ingenious but surely unsubstantial theory of Ward and Fort regarding the identification of "Mr. W. H." to whom the Sonnets are dedicated. He finds the "accumulative proof irresistible" that Shakespeare was part-author of "Sir Thomas More," making no mention of the fact that various scholars have "resisted" the "proof." He accepts without question Professor Thorndike's well-known but still debated theory of Shakespeare's indebtedness to Beaumont and Fletcher; here again he challenges the opinion of Sir Edmund Chambers. Occasionally the categorical tone of his statements quite outruns discretion; how, for example, does Mr. Mackail find it possible to assert so positively that the First Folio was issued in an edition of 500 copies?

But gratitude for these wise and gracious discourses checks out strictures. After all, "the play's the thing," not the scholarship about the play. Mr. Mackail possesses the deep and mellow understanding of Shakespeare's world and the profound and delicate appreciation of his poetry which we expect from the translator of Virgil and the sometime holder of the chair of Poetry at Oxford.

S. C. C.

Treasure-Hunters

Coronado's Children, by J. Frank Dobie. Dallas, Tex.: The Southwest Press. $3.

THERE are those to whom the pleasure of a book of adventure is greatly enhanced if it has a map, and still further if it is provided with mysterious charts. "Coronado's Children" is a book of many adventures, all associated with buried treasure; its map is fascinating, and its charts a delight. There are also symbols, the rudely drawn picture of a mule shoe lying horizontal and meaning, "en route to treasure; keep traveling," or, with the toe of the shoe pointing downward, "treasure below." One sees the picture of a snake climbing a tree and translates "Treasure is on the other side of the tree. Keep traveling till you find the next sign." Maybe eventually you will come to a place where there is a snake painted as if about to strike, and whose head is pointing to where the treasure is (or was) buried. Or perhaps you have come somehow into possession of a chart, and all you have to do then is to find an old tree with a flint rock imbedded in it, follow the directions, dig where indicated, and discover the hidden shaft leading to the lost treasure chamber.

Legends Increasing

As for the map printed on the end papers of "Coronado's Children," it well and fully justifies the prophetic comment of Castañeda, shrewd chronicler of Coronado's sixteenth century search for the Seven Cities of Cibola: "Granted that they did not find the riches of which they had been told, they found a place in which to search for them." This map may be indicated as bounded by the Colorado River and the Mississippi on opposite sides, by Mexico and the Gulf at the bottom, and by Colorado, Kansas, and Missouri at the top. Within these limits tradition has told of so much hidden wealth that the map is crowded with hypothetical locations; one may still search for lost mines of silver or gold, for pirate treasure, for wealth in transport—"300 jack-loads of silver bullion," "13 mule-skins of gold," "Mexican Army Pay-Chest," "Santa Ana's gold"—that, for some imperative reason or other, was hidden along the way.

The amazing thing about these legends, says J. Frank Dobie, our author, "is that they seem to be increasing rather than diminishing in number; they are incredibly, astoundingly numerous—as are the people who tell them and, halfway at least, believe them." The legends live, and here and there the search is still on. It tantalizes a book reviewer to think that the lost San Saba mine, with



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J. FRANK DOBIE

much silver already mined and conveniently stored in bars, is not yet rediscovered; but he may at least be grateful that Mr. Dobie has told these tales of hidden treasure in so entertaining a manner.

The Gilded King

It is not the part of this article to retell in necessary summary any of these tales. There are many of them, and, as Mr. Dobie says, they "belong to the soil and to the people of the soil." In the beginning, as one knows, there was much search for El Dorado. This reader confesses that he had thought of El Dorado as a place. "El Dorado, the Gilded King," writes Mr. Dobie, "so the story went, had attendants to anoint his body with oil every morning and then to blow gold dust upon him till he was decently clad. At evening he washed himself clean in a lake—a lake somewhere in the uncharted out-yonder. Presumably he slept in undress, but always at sunrise he was freshly robed in golden plating. Thus for uncounted generations kings by the lake had dressed and undressed. It might well be supposed that the lake was paved with golden sands. It might well be supposed that the people who gave their king a fresh suit of gold every day possessed immense stores of it. For more than a hundred years conquistadores marched and counter-marched from one extremity of South America to the other, spending the lives of thousands upon thousands of men and the wealth of prodigal treasuries . . . in search of El Dorado." So, in what is now the southwestern United States, the fabled Seven Cities of Cibola invited Coronado on a quest which "Coronado's children" are here seen so variously following.

Mr. Dobie has done well in collecting these tales and legends. The book is sympathetically illustrated by Ben Carlton Mead, documented (so far as legends may be) by notes on each chapter, and provided with a glossary of Mexican and other southwestern localisms of speech.

One More Masonic Mystery

That Which Was Lost, by William Sanderson. London: Constable. 4s. 6d. net.

WILLIAM SANDERSON'S "That Which Was Lost," which he describes as "A Treatise on Freemasonry and the English Mistery," is one more of the well-intentioned, not ill-written, but on the whole wrongheaded endeavors — of which there have been so many—to explain that which is inexplicable to all except the initiated. Mr. Sanderson presents a series of statements concerning the origin and development of the movement of 1716-17 that resulted in organizing in London the Grand Lodge of England, the earliest Grand Lodge; which statements are interesting but in many most salient particulars lacking in proof. He has seized on one cardinal fact that has too long been overlooked, and was brought for the first time into full light only a few months ago. This is the immense debt which English Freemasonry, and as a consequence Freemasonry throughout the world, owes to John Theophilus Desaguliers, son of a Huguenot refugee from France. His unfailing tact, indefatigable industry, social connections and consummate administrative skill brought into being a vast body now spread throughout the English-speaking and largely in the Latin-speaking world, probably unequalled as a secular organization for bringing together a brotherhood of man.

But Desaguliers was not, as this author seems to think, a demigod; and Mr. Sanderson attributes to him a degree of influence for which he does not advance a solitary proof. Those who have studied Desaguliers's career from the original documents and all the many scattered contemporary allusions, and any who are aware of the quarrels in the English royal family which gravely affected the politics of the time, will recognize the fallaciousness of the claim that the Queen of George II "used every opportunity to instruct her son, Frederick Lewis, Prince of Wales, and was easily persuaded by Desaguliers to allow the Prince to take a leading part in Freemasonry."

There is the like want of proof that in the Queen's patriotic work "no one assisted her more effectively than Desaguliers."

These are only samples of the author's random assertions regarding facts; and to the student the remark that "by the reign of George I, as Desaguliers and Anderson observed conditions, England was not yet completely industrialized" is the more staggering because it was not until well into the reign of George III that she was in any true sense industrialized at all. That the Masonically famous Dr. James Anderson—termed in this book "Thomas" by palpable error—was "responsible for Freemasonry's ritual," is as unsubstantial a claim as those about Desaguliers. An author who produces such figments of imagination cannot be trusted to let loose that faculty on moralizing which is of the vague and misty sort to be anticipated.

ALFRED ROBBINS.

For the Publishers

Publishing and Bookselling: a History, by Frank A. Mumby. London: Jonathan Cape. 18s. net.

"AND Barabbas was a publisher." In this irreverent fashion Lord Byron, according to a possibly fabulous tale, amended a text in his presentation Bible to John Murray the second, one of a long line of distinguished English publishers. This exhaustive history of publishing and bookbinding puts the case for the publishers in a far more favorable light. Any writer who has attempted an anecdotal-historical work of this kind will recognize the enormous patience, industry and research represented in the nearly 500 pages, thickly packed with facts, of Mr. Mumby's book.

Ranging from the beginnings of the book trade in remote Greek—and it may be Egyptian and Phœnician—times, to the present day, the volume tells how literature has been circulated and popularised throughout the ages. Mr. Mumby shows how reputable and disreputable publishers have assisted or degraded literature. For long the law assisted the publisher to rob the author of the fruit of his labor; and the true meaning of the literary artist's right to that product has taken almost until today to become established. The wonder, indeed, is to find so few really rascally publishers in this book.

Mr. Mumby shows how cruelly grotesque was the legal idea that "the real price of a book is immortality and posterity will pay it"—seeing that the butcher and the baker would not wait for posterity to pay the author's daily bills and that, if these bills were not paid, prolonged imprisonment for debt would result. This volume is to be recommended to librarians.

Bookman's Holiday

By L. A. SLOPER

A Descent From an Ivory Tower

ORDINARILY, we pay no attention to economic and political questions. They're so sordid, and so dull. Once we were a sort of radical. The kind of radical who embarrasses his respectable acquaintances without being of any use to the proletariat. We recovered from that in 1919, when we attended the Socialist convention in Chicago as a correspondent.

That was a bad year for radicalism. The party split into three, so there were three simultaneous conventions. At the old-fashioned Socialist gathering, Victor Berger talked about "my convention." At the Communist Labor Party meetings, William Bross Lloyd, in a Byronic shirt, acted as sergeant-at-arms. At Communist headquarters, John Reed pounded out endless manifestoes on a typewriter. We decided to leave our fate in the hands of the capitalists.

* * *

What brings us down from our ivory tower (a remodeled bedroom in a one-time apartment house) is a book called "Dynamite: The Story of Class Violence in America," by Louis Adamic (Viking). Don't dodge. We're still parliamentary. But this is an unusually interesting book, and a timely one.

Not a perfect book. The style is colloquial and repetitious, the organization is loose, and various expressions are quoted which, though doubtless characteristic of the men to whom they are attributed, will distress persons of sensitive taste. The author's sympathies seem to be not only with radicalism but with direct action. And like many radical (and other) writers he inclines to arrive at conclusions which are not supported by adequate evidence. The inattentive reader might confuse speculation with fact.

Nevertheless, the book has its importance. It traces the use of violence from the time of the Molly Maguires through the riots of 1877, the Haymarket tragedy, the Homestead strike, Coxey's Army, the "Debs Rebellion," the Haywood-Moyer-Pettibone trial, the dynamiting of the Los Angeles Times and the McNamara trial, the Mooney-Billings case, the steel strike, the Centralia outrage and the Sacco-Vanzetti case, to modern "racketeering."

* * *

Now, as we have intimated, the author's conclusions in many instances will convince only those who are predisposed to agree with him. Many impartial persons believe today that Mooney and Billings were not guilty of the San Francisco Preparedness Day parade bombing. But it does not follow that all arrests of labor agitators are on trumped-up charges, any more than it follows from the McNamara confessions that dynamitings are always the work of labor union men and never of their enemies. There is ample reason to believe that agents provocateurs have been employed against radicals—few who lived through the régime of A. Mitchell Palmer doubt that—but it cannot be deduced that all charges against leaders of workingmen have been "frame-ups."

* * *

Where most people will differ with Mr. Adamic is in his conclusions. He appears to feel that such abuses as the Ludlow massacre, for example, justify retaliation in kind on the part of the workers. Retaliation in kind is humanly understandable, of course, but hardly, most people will say, justifiable. A fellow-member of the Department of Labor staff during the war remarked to us that "no strike was ever won without violence." We do not know whether this is true or not; but certainly nothing else ever did the labor movement so much harm as the McNamara confessions.

Mr. Adamic has little use for the conservative trades unions when they are not using dynamite. He feels—and here he will receive considerable sympathy from innocent bystanders—that the position of the unions is no different from that of the reactionary capitalists, each party is trying to get as much as it can for as little as possible. The author prefers the social revolutionist who throws bombs or destroys machinery for idealistic reasons. No doubt the revolutionist's motives are superior, but is a good result likely to be achieved by such methods? We believe that Mr. Adamic exaggerates the importance of sabotage as well as of dynamite.

* * *

The chief value of Mr. Adamic's book seems to us to lie in his last chapter, rather alarmingly captioned, "What Next—More Dynamite?" Here you learn, unexpectedly, that this explosive writer is quite sound in his economics. He sees, that is, what every student of the elements of the subject sees. We are no economist, but as nearly as we can discover we are one of only a small group who did not expect the artificial "prosperity" of 1929 to continue forever and get bigger and bigger without bursting. You would suppose that anybody with a freshman's acquaintance with economics would have known better. But the illusion of a prick-proof bubble was too dazzling.

In this final chapter Mr. Adamic points out what economists have been pointing out for some time as the cause and the cure of the present depression: It was underconsumption, due to maldistribution of profits, that caused the trouble; it is a fairer distribution of profits, through higher wages and shorter hours, that will cure it, by providing a market for the product.

Thus, you observe, our prophet of dynamite turns out to be an advocate of a more enlightened economic policy. So far, most employers, like most trade unionists, have been unable to see behind the immediate dollar. Mr. Adamic wants the employers to see that it is their interest as well as their human obligation to share profits more fairly with their workers. Is that a hopeless dream? He cites several American employers who already are social-minded. There are others whom he does not cite. He says the total is small. Perhaps his book will help to increase it.

* * *

Of course there are other solutions, as we are reminded by the republication of G. Bernard Shaw's "The Intelligent Woman's Guide to Socialism and Capitalism," in the Ayot St. Lawrence limited edition, issued by William H. Wise & Co. of New York. The Shaw formula for economic regeneration is, you will remember, the same income to everybody. Mr. Adamic, for all his talk of dynamite, offers in the end a more reasonable notion.

Along with this Shaw opus comes "What I Really Wrote About the War." These are Volumes XX and XXI of the Collected Works, handsomely printed, bound and illustrated. "Common Sense About the War" and the other papers here included will perhaps ameliorate the mystification of those who never have been able to make out how Mr. Shaw contrived to be at once a good Socialist and a good patriot; it is also possible that the mental gymnastics of these essays will have quite another effect.

But the hour is late. We must not tarry until they close the tower gates.

Portrait of an Aloof Poet

Christina Rossetti, by Dorothy M. Stuart. London: Macmillan. 5s. net.

EVER since the publication of her first book, which contained "Goblin Market," the fame of Christina Rossetti has burned, like her own best poetry, with a clear and steady flame. She never achieved the popularity of Tennyson, or became the object of a cult like Browning, or like Swinburne a rallying-point for ardent youth; but she has not experienced the partial eclipse which has been the temporary fate of so many of the eminent Victorians. She stands today where she has always stood; perhaps a little higher.

It is fitting therefore that, in the year of her centenary, she should be admitted to the select company of the "English Men of Letters"—the first woman poet, though not the first woman—to be accorded that honor.

It is an uneventful story which Miss Stuart has to tell. From the beginning Christina was rather an aloof figure. Though intimately connected with the Pre-Raphaelite Brothers, being sister to two of them and engaged, for a time, to a third, she was never in any sense what she has sometimes been styled, the "Queen of the Pre-Raphaelites." Her active participation in the movement was confined to a few poems, contributed to The Germ, and a gently satirical epitaph on its dissolution. For the rest she stood aside, responsive to the enthusiasm of those ardent young reformers, but a little quizzical, one fancies, of their extravagances. Perhaps Miss Stuart has not quite sufficiently stressed the sense of humor which is implicit in her younger brother's vivid pen-portrait of her as a child and was never altogether submerged by her increasing earnestness and melancholy.

But it certainly played small part either in her works or in her ways. It counts for nothing if weighed against her devoutness or her sense of personal solitude. Though a creature of warm human affections, she looked inward for her poetry—having little eye, for instance, for the visible beauties of the world—and as the years went by she grew more and more contemplative and secluded. On the biographical side, therefore, Miss Stuart has but little to report.

This gives her all the more space to devote to the poetry, and her study of that is singularly just and discerning. While scrupulous to differentiate the good from the not so good, she is appreciative of that simplicity which is never trite, that lucidity which is never colorless, that gift of unstressed precision and unparsimonious economy, which make up Christina's poetic equipment.

A Fine Irish Novel

The Garden, by L. A. G. Strong. London: Gollancz. 7s. 6d.

ABOUT two years ago we reviewed in these columns a volume of short stories, entitled, "The English Captain." They were slight, fresh and vivid, the lyrical exercises of a writer who promised exciting performance if he could master the more complex instrument of the novel form. In "The Garden" that writer has given us one of the sanest and most beautiful books we have read for a long time. It will assure him a high place in English literature and, we fancy, a permanent one.

It is easy, of course, to exaggerate the merits of an author in the first flush of enthusiasm after one has put his book down, but it does seem to us that "The Garden" contains passages with idyllic and comic richness which can take their place beside the Betsy Trotwood episodes of "David Copperfield" and the early pages of "Dombey"—though, since Mr. Strong has no fantasy, one ought not to press a comparison.

It is probable that the pure plotlessness of reminiscence, the fact that there is little solid architecture of story in "The Garden," puts the book as a whole on a lower plane. Mr. Strong is far from being monotonous—every page ripples with that delight in natural life which the Irish writers excel in conveying—but what we miss is, perhaps, the bolder relief which a stronger architecture of plot or a deeper scope of contrast in characterization might have given it. This is, however, to be hypercritical. "The Garden" shines with loveliness and life, and Mr. Strong has succeeded entirely in what he set out to do.

The Idyl of a Boyhood

This was to recall, to isolate in memory, in the way foreshadowed in "The English Captain," the idyl of an Anglo-Irish boyhood on the sea coast outside Dublin before the war brought to a close not only a childhood, but an epoch; to recall "that even in those distant years the sun shone warm and the days were good." And so little Dermot, the son of a tender Irish mother and a cold and precise English father, is shown arriving at the North Wall on the old "British and Irish," to stay with his grandparents at their house by the sea.

The scene is laid among the cottages and harbors of Dalkey, Sandycove and Killiney. Grandfather is a typical Irish Victorian, a type that survived in Ireland long after it had vanished in England; the cleanly, rebuking, slyly merry Protestant middle class. And after grandfather comes a wonderful procession of friends and relations, decent and jovial, Uncle Ben, "broad, strong and hearty, with a ringing voice, a big, fair moustache, eyebrows like wisps of hay and the bluest of blue eyes"; Con, his wild, indolent son; Eileen, the daughter, who delights Dermot by letting grandfather's tame monkey off his chain; Caggen, the gardener, who, when asked what worms felt like to the touch, replied dreamily and unconvincingly, "Soft."

And later, the child's holidays among these delightful, easygoing people, are enlivened by the acquaintance of Paddy, an indolent but profound philosopher with a passion for sitting on the wall at Kingstown harbor on the lookout for eels. Paddy had his own friends, apparently wild and disreputable, actually the soul of kindness. There was Long Mike, who was employed against his will to heckle Salvation Army meetings, and Dan O'Shea, alias Peg-leg—"a quick, furtive man, clean shaven, dark as a fine brush," who looked as sinister as a copper's nark, but was kind, generous and harmless.

Legendary Wonder

So one might continue with the long procession of delightful people who, seen through the eyes of the growing, half-English child as he came year after year to Ireland for his holidays, took on an air of legendary wonder which Mr. Strong with genial and gentle art has completely captured. Every movement in the child's affection for this lovely, sheltered world is delicately noted. Some episodes stand out for their exciting and vivid quality. There are the glorious eel-fishing chapters, with Paddy, Peg-leg and Mike, and the affair of Dermot's father with the marauding cats. There is that blissful remembrance of an excursion to Dalkey Island with Uncle Ben kneeling in the bows of his boat, "looking for breakers." One day a little girl, whom Dermot has distantly admired, smiles at him. "That moment," writes Mr. Strong with simple felicity, "had a landscape and climate of its own."

The whole scene, with the Dublin and Wicklow Mountains like resting purple animals behind it, is rich, profuse and glamorous in itself, but by Mr. Strong's pen it is detached from the world and glorified and transfigured with the almost terribly clear light of memory and familiar idyl. He has caught that curious child-quality which is an essence of the scene and the people, with their awareness of the physical world, and their curious reticence before its grossness. In the opening pages there are frequent lapses into journalese which suggests a preliminary condescension on the part of the author to his people. This is, however, quickly righted by the artist's proper and reverent humility before his subject. Also certain explanatory passages about the Ireland of those days occasionally imperil the illusion. But these are small matters. If it is a sign of genius in the writing of a book that everyday, ordinary things are made to communicate a secret glory and power, "The Garden" has genius in it.

V. S. P.

H. W. Nevinson's "The Natives of England" is being published in the United States in March by Knopf. The English edition, called "Rough Islanders" (Routledge), was reviewed in these columns Nov. 8, 1930.



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THE HOME FORUM

Tramp Steamers and Substitutes

AN ACCOMPLISHED poet had been describing to her admiring audience some of the experiences which she had enjoyed in earlier years. It appeared that she had gone around the world in a tramp steamer and had seen much of the unusual in her travels. She had not stressed any particular value of "experience," much less the necessity for wide ranging variety of contacts for the literary aspirant. But inevitably her youthful listeners seized upon the passing reference to her voyages and, forgetting all else that she said, exalted the tramp steamer into a position of supreme importance.

"Oh, if I could go on a tramp steamer, like Mrs. L——, and see the world! But what chance have I to see anything? How can anyone write without going about and getting to know life?"

I could not but smile at this revelation of the perennial avidity for visible adventure and particularly at the universal belief in our time that the writer must see human life at first hand and on as many surfaces as possible. For this is a particular fetish of our age—to see it all and tell it all. Amid the amazingly widened horizons of the modern outlook the explorations and the chronicings of recent literature have found new and startling liberty indeed. Many of these represent an expansion of insight which reflects freshly won realms in the possible artistic interpretations of human life. But the dangers of unselective chronicling should be obvious, and as disclosed by the eager desire of my young friend, the distortion of values among literary neophytes perhaps even more serious.

They have seized, like the rest of the public, upon the spectacular experiences of such conspicuous adventurers as Masefield and Conrad in our own generation; they have read of prominent realists plunged into environments of certain submerged or drab or unworthy ways of human beings; and they have been explicitly exhorted to go forth and to do likewise if they would represent "life as it is." So has spread the conviction that the only apprenticeship for the writer must be visible experience of every kind.

No greater fallacy prevails today in the beliefs about the art of making literature. Yet the error is only a few decades old. The great writers of the past have not felt it necessary to practice, much less to preach, such a doctrine. I can think of scarcely a single important English author who led an outwardly adventurous existence. Almost without exception the masters of our literature have pursued apparently conventional ways. We have almost no record that they sought contacts with environments which without cant we call the disreputable. The majority, indeed, lived retiring lives and entered little into any kind of society. Some knew the ways of poverty and hardship, but they did not with deliberate purpose curiously explore sordid surroundings. In contrast with our contemporaries they remained strangely content with the spheres in which they naturally moved.

How, then, did they come to know human character? The simple answer brings us a powerful and much needed reminder: they lived adventurously within. With eager intensity they explored through the imagination. I do not mean that they were not profound observers of all that came within their view. But all they saw with the outward eye became for them merely the beginning of vast circles of experience which spread out from a small central focus. In his classic essay on the art of fiction Henry James tells of an unnamed writer, an English woman of genius who had been "much commended for the impression she had managed to give in one of her tales of nature and way of life of the French Protestant youth." She had been congratulated on her peculiar opportunities for learning so much about this group and was asked how such intimate knowledge had been gained. Her reply was (as she assured Mr. James himself) that "these opportunities consisted in her having once, in Paris, as she ascended a staircase, passed an open door where in the household of a Pasteur some of the young Protestants were seated at table round a finished meal." No illustration of which I have any knowledge so perfectly reveals precisely this power which I believe to be the secret of all literary genius.

So impressed was the great novelist himself with this amazing disclosure that he proceeds to interpret the meaning of it for us. That momentary glimpse caught by the other novelist, he says, made a picture which was enough for her sensitive imagination. "She knew what youth was, and what Protestantism, . . . what it was to be French. Above all, she was blessed with the power to guess the unseen from the seen, to trace the implication of things, to judge the whole piece by the pattern, to feel humanity in general."

Any comment on this arresting incident and the interpreter's eloquent note would be almost presumptuous. That glimpse through the "open door!" The very symbol of a true novelist's insight into human life, is it not? And the symbol of that insight which alone can penetrate the arcana and reflect the meaning of experience.

I am not belittling the outwardly adventurous life in which one voyages around the world or embarks upon varied novel enterprises merely for the sake of amassing first-hand material. It all depends upon the man himself what he shall do with such experience. But the widest gamut of experience will never make a writer, not even a reporter, without that imagination which divines more than it sees with the senses.

It is just because our contemporaries rely so fully upon mere multiplicity of impressions from without that their literature often seems so shallow. They have substituted the outer world for the inner. Something to this effect I tried to say to the eager youthful aspirant who longed to sail forthwith around the globe. I suggested that he set forth upon intensive journeys within himself first of all. And I reminded him that the illustrious examples of the past had proved what riches could be shaped out of the most limited outward ways of life. "After all," I said, "the experience which is possible to any one of us is strictly limited in the visible spheres accessible to us. But the imagination knows no boundaries. Try to infer the unseen from the seen. You will find that far more adventurous even than tramp steamers on the seven seas. In what appears to be only a poor substitute for actual exploration you will find the only enduring way to that actuality of meaning which is humanity itself. It is a much harder way to take, for it makes much greater demands upon your inner powers. Whatever may be the facile success of those who report the visible surface of experience, that is not and never can be the way of the master craftsmen. And theirs is the only way which can endure." P. K.

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Simple Things Are Good

Puckery, melting, red-gold sweets!—
Apples that the 'possum eats,
And the ring-tailed coon!
Once the black bear's shambling tread
Through the forest's yellow-and-red
Whispered that a feast was spread
Under the hunter's moon.

Hither trooped, on days like these,
Brown squaws of the Cherokees
Brave in buckskin gown;
Here, as Indian tribes grew less,
White wives of the wilderness
Came with piggins, in homespun dress,
To shake the ripe fruit down.

Think ye Boone and such as he,
Scorned a goodly 'simmon-tree,
Camped about its stem?
Andrew Jackson, I am bound,
Many a time these nuggets found
On the lean November ground,
And praised the Lord for them.

Long may something rude and bold
Tell us here how men of old
Braved the solitude:
When we seek, we know not why
Ever costlier luxury,
Stay our restless feet, and cry:
Simple things are good!

DORA READ GOODALE.

A Reminiscence

"DING-DONG, ding-dong, ding-dong." It is afternoon, five o'clock, in the calm, expectant peace of the Christmas eve. Five young sisters linked arm in arm are walking through the woods in the glistening snow. Above the hills and tree tops spreads a velvety blue sky, studded with shimmering stars, not subdued even by the effulgence of the full moon.

The happy voices are hushed, while from across the bay are carried in the crisp, cold air the chimes from church bells. "Ding-dong, ding-dong, ding-dong." The atmosphere is filled with holy joy.

Then homeward they wind their way over the white, frozen road, homeward to where mother is waiting with the candles all lit, "so never a place is dark," as the five sisters presently sing around the tree. The father is reading aloud the ever new message of the angels. Loving gifts are exchanged, then more happy singing and wholesome reading before the simple joy of this Christmas eve in Norway is ended.

But the glow of gladness will live forever, and blessed is the tiny town, which holds the treasure-trove of memories like this.



Christmas Eve in Norway. From an Etching and Aquatint by C. Herzog

Estonia to New Zealand

The afternoon sun poured on Arthur's Pass, making the bush on the lower slopes of the mountains almost black in shadow. Through the hours they had watched the colors change on the rocks and snow hollows of the great shoulder that overhung the pass, catching glimpses of the aspiring peak that towered in the full sunshine.

They were waiting for a new axle to replace a breakage, and sat in the sunshine bored and restless, without hope of diversion, till suddenly they saw her coming.

She crossed the road and came down the little track through the long grass which led to the creek bed behind the accommodation house. She was poised and light as a reed, and her walk was like that of a deer. She wore a green jumper with a light-colored skirt and a little white beret crowned the pale oval of her face, in which her long eyes were green like a mountain pool. The grass on either side of the track was almost as high as her hip, and as she passed along she touched the feathery heads with the tips of loving fingers.

"Who's the wood nymph?" said one.

"How rare," murmured another, still conscious of the look of kindly grace she had bestowed upon them.

Who was this, so perfectly in tune with forest and mountains, yet so unmistakably alien? So different from any of the brown cheerful campers and workmen who lived in the scattered shanties round the West Coast tunnel.

The rattle of a motorcycle announced the arrival of their axle, and in the bustle of repairs and getting away, no more could be ascertained than that she was an Estonian, that her husband was Swiss and that they lived farther up the pass.

Even the wonderful road over the Otira, where the setting sun shone on the gold and opal rocks, and lit up the great glacier on the mountainside, could not blot out the picture they had seen. When the eye rested on the masses of scarlet rata bloom on the trees by the roadside, when they looked at the foaming river in the gorge below, still they thought of her, and now they called her "Marek," for they knew it was a good Estonian name.

The pass left behind, dark fell quickly on bush-clad hill and shining river; so when no more could be seen the Story-Teller of the party was commanded to "imagine" about Marek, and to tell us whence she came and what she was.

Estonia to New Zealand! Romance in itself! Fourteen thousand miles and more. Why from that remote country should she come to this remote one?

She was very adventurous, said the Story-Teller, her walk showed that. Her mother had been Swiss and so often told her of the mountains she pined for, living among the shining lakelets of Estonia. An opportunity came for Marek to go to Switzerland to stay with an uncle, and though it was a long journey alone she was not afraid to go. There she met Carl, and he asked her to make a longer journey still. Switzerland had been such an adventure that New Zealand seemed not much farther. It was across the ocean she knew, and she also knew that she could not pronounce the names; but Carl made it seem very attractive. He said their home would be all among the mountains and he had been offered very good work there, which would mean that some day they could return home, and have their own chalet looking on the Dents du Midi.

So she had gone on that long voyage, when for weeks all they saw were the following albatrosses and attendant gulls. At last they came to port in a beautiful harbor surrounded by volcanic hills over which they drove.

From the summit of the hills Marek saw spread out the vast wooded plain that stretched to the foot of the mountain wall through which they must pass; a great river—Waimakariri they called it—lay in silver streaks across the levels. A brilliant sparkling sea broke on the curving coast, and over the water, floating like clouds on the horizon, was the range of the Kaikouras, king among them Tapi-wainuka with the sun upon his breast.

What a long day it was, while the transport car tore and bumped over the plains toward the mountains then through the outer ranges by a blue winding river in a wide shingle bed; among rolling yellow hills with dark forest in the folds.

"Paradise ducks," said someone, as a pair of heavy birds flew by—one white-headed.

"Look, Marek," Carl whispered. A great red deer was standing on a point above the river, brow bay and trey, fourteen thousand miles from his native country, too. "We shall see chamois in the mountains. Years ago the Emperor Franz Josef gave some, they were brought all the way from the Tyrol; now they are everywhere in the high country."

The sheep looked strange to Marek. So unlike the massive household companions of her youth, were these active close-wooled creatures, feeding in scattered hundreds over the yellow slopes, or padding in orderly line on their little track around the hillside.

"I expect she liked Arthur's Pass when they got there," interposed a listener, "the little red huts are so cuddly round the tunnel."

"Yes, but she wasn't used to corrugated iron houses, and kerosene tins. At first she felt very small and alone in these great mountains. The morpork crying at sundown out of the dark forest was strange and eerie. Still afterward she grew to love the little brown owl, and his whistling cry, and he used to sit in a manuka tree by the hut they lived in first, and look at her with golden eyes.

Then Carl built the chalet they had seen in the pass, and she quickly learned more English than she had picked up on the voyage. However, perhaps the birds in Arthur's Pass understand Estonian by now, for though everyone is very kind to her, it is the birds that keep her from being lonely. The tui sings in the pass, and the bell-birds chime all round him. "Tinka-tonka, Tinka-tonka." Then there is a pair of wekas. At first she thought they were little brown hens, but they stole her soap and made a cache in the bush, and the road man told her how tame they were and how inquisitive. The blackcaps sing round the chalet, but most of all she loves the fantails. Father Fantail sits on her walking stick and fluffs his tail and talks to her.

"She is like Rima," said someone, adding hurriedly, "Hudson's, I mean, not Epstein's."

"Queer, isn't it?" mused one of the party, "we have been talking about her ever since we left the Pass; we have given her a name, and we know her quite well, why did she make such an impression?"

"Because she walked as if she were treading on clouds."

"Because she was so unlike anyone else there."

"Because she was so far from home."

"Because she touched the grass as if she loved it."

The answers pelted like rain. The Story-Teller thought a little. "Beauty has it," she said finally. "Beauty isn't just looks; it is all the things you have said one after the other. Joy, originality, romance, tenderness for little things, and grace to express it all. By being beautiful Marek has made us happy for a long time. I hope no one will be so inartistic as to find out that actually it is her name."

Die Wahrheit ist unfehlbar

Uebersetzung des auf dieser Seite in englischer Sprache erscheinenden christlich-wissenschaftlichen Aufsatzes.

DIE Wahrheit über eine Rechenaufgabe ändert sich nicht. Durch richtiges Anwenden der Rechenregeln gelangt man zu genauen und unabänderlichen Lösungen. Man stelle sich die Zustände vor, wenn die Zahlen veränderlich wären! Ihr Größenwert steht jedoch fest, ist eine unverrückbare Größe, und dies gewährleistet für die ganze Welt Sicherheit im Rechnen.

Die Christliche Wissenschaft ist ebenso unfehlbar; denn sie beruht auf dem unwandelbaren göttlichen Prinzip, Gott. Die Tatsachen, die sie über den Menschen und seine Beziehung zu Gott lehrt, lassen sich mit wissenschaftlichen und bestimmten Ergebnissen beweisen, die jedoch wie im Rechnen im Verhältnis zum Grad des Verständnisses stehen.

Ein beim Lösen einer Rechenaufgabe vorkommender Fehler widerlegt die Wissenschaft der Zahlen nicht. Er zeigt eben nur an, daß der Schüler einen Fehler gemacht hat, oder daß es ihm am nötigen Wissen fehlt. Der Schüler muß entweder seinen Fehler berichtigen oder ein größeres Verständnis erlangen. Wenn das Beweisen der Christlichen Wissenschaft anscheinend nicht gelingen will, so liegt es entweder an einem unentdeckt gebliebenen Irrtum oder an ungenügendem Verständnis; denn diese Wissenschaft ist unfehlbar. Die Jünger oder Schüler Jesu konnten einst einen fallsüchtigen Knaben nicht heilen. Es war aber nicht die Wahrheit, die der Meister sie gelehrt hatte, schuld daran; denn Jesus heilte den Fall sofort. Das Mißlingen lag, wie er erklärte, an ihrem „Unglauben" oder Mangel an Verständnis.

Der Meister lehrte die Menschen: „Darum sollt ihr vollkommen sein, gleichwie euer Vater im Himmel vollkommen ist". Gemäß der folgerichtigen Ableitung—daß, da Gott, der Vater, vollkommen ist, auch Sein Ebenbild, der Mensch, vollkommen sein muß—heilte Jesus und heilt die Christliche Wissenschaft alle Krankheit und Sünde. Der Meister hatte ein so gründliches und klares Verständnis dieser Wahrheit, daß es ihm nie mißlang, sie zu beweisen und so darzutun, daß Gott und der Mensch unfehlbar vollkommen sind.

Auf Seite 330-340 des christlich-wissenschaftlichen Lehrbuchs „Wissenschaft und Gesundheit mit Schlüssel zur Heiligen Schrift" schreibt Mrs. Eddy über das Programm der Christlichen Wissenschaft, das sie mit den Worten einleitet: „Wenn das folgende Programm verstanden wird, und der Buchstabe und der Geist Zeugnis ablegen, dann wird die Unfehlbarkeit der göttlichen Metaphysik demonstriert werden". Um die Christliche Wissenschaft wirksam und unfehlbar zu beweisen, müssen wir sie dem Geist und dem Buchstaben nach leben. Wird sie bewiesen, so erweist sie sich als äußerst wichtig für die Gesundheit und die Sittlichkeit des Menschengeschlechts.

Wie wird die Wahrheit angewandt? Ein Kind lernt zuerst mit zwei und drei zusammenzählen, abziehen, teilen und vervielfältigen und dann später mit acht und neun. Auf ähnlich einfache Art kann die Christliche Wissenschaft bewiesen werden, sobald man anfängt, sich mit ihr zu befassen. Der Anfänger kann damit beginnen, daß er ernstlicher betet. Er kann sich bemühen, in seinem Verhalten anderen gegenüber liebevoller zu sein. Damit übt er sozusagen den Zweier und den Dreier. Später fängt er dann an, sozusagen den Achter und den Neuner zu üben. Der geistigen Wahrheit kann man nie entwachsen; sie ist unerschöpflich, unendlich.

Des Menschen Gesundheit und Harmonie stehen als geistige Tatsachen fest. Gesundheit und Freudigkeit sind des Menschen gottgegebenes Erbe. Dies muß verstanden und bewiesen werden, damit man „unter allen Heiden" erkenne „sein Heil". Krankheit und Leiden sind, so wirklich sie auch scheinen mögen, eben Fehler wie Rechenfehler und können durch ein höheres Verständnis berichtigt werden.

Die Christliche Wissenschaft bringt den Leidtragenden und den Leidenden eine Botschaft der Hoffnung und der Freude, indem sie ihnen die Wahrheit über den Menschen und seine Beziehung zu Gott darbietet; und diese Wahrheit heilt. Ihre Unfehlbarkeit kann jetzt und in aller Zukunft bewiesen werden.

Auskunft über christlich-wissenschaftliche Schriften in deutscher Sprache gibt auf Anfrage die christlich-wissenschaftliche Verlagsgesellschaft (The Christian Science Publishing Society).

Northern March

When the sun shines upon the crust of March
In the bare wood, how blue the shadows lie
Along the snow between the gray tree-boles!
And where the muffled stream runs, bluer still,
Between its snowy banks edged with frail ice,
The silvery oaks and sugar maples stand
Like a faint tracing in a lacquer tray,
Or a worn pattern on old Sheffield plate.
The strong sun melts the snow in open places;
A calling crow flies over, trailing north
His silent shadow down the wooded slope; . . .
A bluebird flies to an apple bough.

—BLISS CARMAN, in "Sanctuary."

Galilee by Moonlight

I woke with a strange noise of falling water and lay awake for a moment. Then suddenly some one tapped at the window of our compartment. It was Arif Bey, and we hurried with Nakie Hanum, putting on long coats. It was a strange still night; the place smelled of jasmine. We walked through a narrow lane and then through a passage leading to the lake. The whole place was covered with yellow jasmine, which gleamed in the moonlight, and the stillness was such that it disturbed and stirred one more than any imaginable sound could have done. At the end of the passage the lake leaped into one's eyes like a study in black and white. It had a brilliant white sheen, cast by the moon, and on the shores the sailboats seemed like huge black shadows, falling sharply into the mirror-like transparence of the lake.

It must have been just like that when Jesus so often crossed it. He must have sat on the shore and talked to the fishermen, perhaps on the self-same old stones under the boards that were meant for a landing. We hurried back, all three silent and stirred by the beauty, the sweetness of the jasmine, and the historical significance of the place.—From "Memoirs of Halidé Edib."

Truth Is Infallible

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

THE truth about any given problem in mathematics is constant. The rules of mathematics applied correctly result in exact and unchanging answers. Imagine the conditions if numbers were of a variable nature! Their mathematical value is, however, secure. It is a fixed quantity; and this fact makes for world-wide assurance in the use and application of mathematics.

Likewise, Christian Science is infallible, for it is based upon the unvarying divine Principle, God. The facts it teaches regarding man and his relationship to God can be proved with scientific and definite results. These results, however, will be proportionate to the degree of understanding, as they would be in mathematics.

When an error occurs in working out a problem in arithmetic, that does not disprove the science of numbers. It merely indicates that an error has been made by the pupil, or that he lacks the requisite knowledge. The pupil has either to correct his error or to gain more understanding. When there seems to be a failure in demonstrating Christian Science, it is due to an error undetected, or else to insufficient understanding; for this Science is infallible. On one occasion Jesus' disciples, or students, failed to heal an epileptic boy; but the truth which the Master had taught them was not at fault, for Jesus immediately healed the case. The failure was due, as he indicated, to "unbelief," or lack of understanding.

The Master taught men, "Be ye therefore perfect, even as your Father which is in heaven is perfect." On this logical deduction—that as God, the Father, is perfect, His likeness, man, must also be perfect—Jesus healed, and Christian Science heals, all manner of sickness and sin. The Master's knowledge of this truth was so thorough and clear that he never failed in demonstrating it, thus proving the perfection of God and man to be infallible.

Writing about the platform of Christian Science, which she placed on pages 330-340 of the Christian Science textbook, "Science and Health with Key to the Scriptures," Mrs. Eddy says, "When the following platform is understood and the letter and the spirit bear witness, the infallibility of divine metaphysics will be demonstrated." In order to be demonstrated efficiently and unfailingly, Christian Science must be lived in the spirit and in the letter. As it is demonstrated, this Science will be found of paramount importance to the health and morals of the human race.

How is the truth applied? A child learns to add, subtract, divide, multiply the two's and three's first, and then later the eight's and nine's. In a similar simple manner Christian Science can be demonstrated from the commencement of its study. The beginner can commence by striving to pray more earnestly. He can strive to be more loving in his attitude toward others. Thus he will be practicing, as it were, the two's and three's. Later he will begin to practice, as it were, the eight's and nine's. Spiritual truth can never be outgrown. Its nature is inexhaustible, infinite.

Man's health and harmony are spiritual facts. Health and happiness are man's God-given heritage. This requires to be understood and demonstrated, that "thy saving health" may be known "among all nations." No matter how real sickness or disease may seem, it is as an error in mathematics, and can be corrected by higher understanding.

Christian Science carries a message of hope and cheer to the sorrowing and suffering, in that it embodies the truth about man and his relationship to God; and this truth does heal. Its infallibility remains for present and future ages to demonstrate.

[In another column will be found a translation of this article into German.]

THE FIRST CHURCH OF CHRIST, SCIENTIST, The Mother Church, Falmouth, Norway and St. Paul Streets, Boston, Massachusetts. Sunday services at 10:45 a. m. and 7:30 p. m. Subject for The Mother Church and all its branch organizations, "Christ Jesus." Sunday School in The Mother Church at 10:45. Testimonial meeting every Wednesday evening at 7:30.

Early Greek Vases

We have a large number of genuine Greek vases. In Berlin and Naples alone there are over four thousand specimens, not to speak of fragments, and the collections in Athens and elsewhere. From the seventh to the third century B. C. we can follow the development of Greek vases in unbroken continuity. They are invaluable not only for the subject matter—as they give an insight into the daily life of the Greeks with all their festivities and habits, their legends and myths—but they are the only means we have of knowing the early steps in Greek painting, and give us the names of the artists of the day, ineradically stamped on the pottery.

The earliest forms of decoration were geometric patterns, curve, zigzag, chess-board, cross, triangle, circle and star. Then came rows of strange geometric animals and of sharp angular figures, rows of chariots and men, also geometric, all distinct in outline, and with a certain naïve simplicity. The earliest were brown figures on a yellow ground. . . .

As this ceramic art developed, we have black figures on a red ground and vice-versa. The scenes become more elaborate, although the figures are still primitive. There are zones or horizontal bands, one above the other, running all around the body of the vase, and between these are processions of figures or little scenes, so that on one vase there may be many incidents. The painting has the same defects in anatomy as the sculpture of the same time; for example, the front eye with side limbs and body, yet there is greater liveliness and animation and more skill in the ceramic art. . . .

The vase painters must have been very popular, as many names of artists appear. There were various forms and many themes, and when the art was at its height in the fourth century, one is impressed with the richness of the ornament and the grace of the figures. As painting developed into an art by itself its influence is evident in a greater beauty of the vases. Among the many specimens are shapes and decorations of striking beauty. Amidst the classic myths are scenes of daily life, giving the light touch of Greek familiar every-day incident; the ladies visiting, spinning, or at their toilet; scenes of lovers, of childhood, of sorrow, of rejoicing. As Greece came in contact with other countries there was introduced a variety of colors and the use of gold ornamentation. The style changes to cherry and gold, white and blue, and a mingling of several colors. A noted vase, whose origin is unknown, but which has a Greek shape and theme is the Portland Vase of the British Museum. It is but one foot in height and is of dark blue glass, adorned with exquisitely cut reliefs in opaque white glass of the story of Peleus and Thetis. . . . Wedgewood, an Englishman, attempted to reproduce this effect and from his experiments the beautiful Wedgewood ware resulted. How long the vase painting continued is uncertain. There was a gradual falling off in the third century, and after the conquest of Rome came its final disappearance.—EMMA LOUISE PARRY, in "The Two Great Art Epochs."

Root Fences

How pleasing a thought that a field should be fenced with the roots of the trees got out in clearing the land a century before. I regret them as mementos of the primitive forest. The tops of the same trees made into fencing stuff would have decayed generations ago.

I admire those old root fences which have almost disappeared from tidy fields, white pine roots got out when the neighborhood meadow was a swamp, the monuments of many a revolution. These roots have not penetrated into the ground, but spread over the surface, and having been cut off four or five feet from the stump were hauled off and set up on their edges for a fence. The roots were not merely interwoven, but grown together into solid frames, full of loop-holes like Gothic windows of various sizes and all shapes, triangular, and oval and harp-like, and the slenderer parts are dry and resonant like harp strings. They are rough and unapproachable, with a hundred snags and horns, which bewilder and balk the calculation of the walker who would surmount them. The part of the trees above ground present no such fantastic forms. Here is one seven paces or more than a rod long, six feet high in the middle, and yet only one foot thick, and two men could turn it up. You have only to dig into the swamp a little way to find your fence, posts, rails and slats already solidly grown together, and of material more durable than any timber.—THOREAU, in "Winter."

SCIENCE AND HEALTH
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RAIL SHARES ATTACKED BY BEAR SELLERS

Other Sections of Market Under Pressure—Rally Before Close

NEW YORK, Feb. 28 (AP)—The rail shares, which pulled the stock market up from the low levels of last December, dragged it down today, but strong support appeared in the final dealings, and much of the loss was recovered.

Drops of 1 to 5 points in the carrier issues were accompanied by numerous declines of 1 to 4 in other sections of the list, particularly the utilities, but the principal industrials were well supported, and a few closed with small gains.

The rails had made little upward progress during the last month, which has seen such vigorous advances in the utility and industrial divisions, and with the bulk of the January net operating income reports now in, and in the main discouraging, the close of the month found this group susceptible to bear selling. The list as a whole closed irregularly lower, with a somewhat heavy tone, and transfers for the two-hour session aggregated 1,700,000.

New York Central was a heavy feature, with its report for January showing net of only $1,872,100, compared with $5,609,582 in the like month of 1930. The stock dropped more than 5 points, but closed off only a little more than 3 net. Net operating income for the first 67 roads reporting for January shows a shrinkage of 37 2-10 per cent from the like period of last year.

New Haven dropped 3, but recovered all but a fraction. Baltimore & Ohio regained half of an extreme loss of 3. Rails closing a point or more lower included Erie, Pennsylvania, Chesapeake & Ohio, and Chicago & Northwestern, while Norfolk & Western dropped 5.

Industrials Off

Other shares closing about a point or more down included U. S. Steel, Bethlehem Steel, Standard of California, Westinghouse, Sears, and Pullman. Auburn lost 2.

The local tractions were strong features, both Interboro and Brooklyn-Manhattan gaining 3 points. General Railway Signal gained 2, and Paramount, American Smelting and Anaconda closed up about a point.

General Electric, Radio and American Telephone were up fractionally at the finish. Speculation for the rise was pressed forward in Columbia Graphophone, which rose 1½ to a new high for 1931.

Coppers were influenced by expectations of a general increase in red metal prices next week, with one producer already quoting 10½ cents a pound, up ¼. Steels were somewhat sluggish, in view of an estimate indicating that operations in the Youngstown area will be reduced from 50 to 48 per cent of capacity next week.

The week-end business and trade reviews reported only moderate or slight gains during the last five days, and with business reaching the season of its usual peak activity, stock traders were inclined to tread cautiously until the trends of March become more clearly defined.

After advancing vigorously for two weeks, the market has been under pressure more than half of the time during the last week, although vigorous bullish activity has been pressed forward in selected issues.

Narrow Gain in Bonds

An upward movement so narrow it was hardly discernible was displayed by the bond market today in activity on a par with previous sessions this week.

Most of the corporate domestic list was content to hold stationary at previous closing prices, but there was some appreciation in legal railroad and utility bonds. Advances seldom exceeded a quarter of a point, however. Governments were little traded, but the group again displayed an upward tendency.

Stock privilege issues fluctuated uncertainly. Loew's 6s reacted more than a point. A rise of similar proportions occurred in Lautaro Nitrate 6s. Foreign issues held fairly steady after enjoying a good inquiry through the week.

Announcement by the Peruvian Government that it had arranged to pay the interest due on the 7 per cent loan of 1959 due March 1 went unnoticed by that issue. Interest on the $14,500,000 bonds outstanding amounts to $600,000 and there had been some uncertainty among investors as to whether the interest would be paid in view of political and economic developments.

Other developments of interest to the bond market were the announcement that the International Great Northern Railroad, a member of the so-called Van Sweringen group, had deferred payment of interest on adjustment mortgage bonds for the last half of 1930, and similar action by the Cuban Dominican Sugar Corporation on the 7 per cent bonds of Sugar Estates of Oriente, Inc.

MARKET OPINIONS

Clark, Childs & Co., New York: We lean strongly to the opinion that current prices represent an investment opportunity such as is not apt to be presented again for some years to come.

Gurnett & Co., Boston: It would seem that reactionary tendencies are more pronounced in issues that have enjoyed rapid rise during the past two weeks, rather than the general list. While the material advance in prices has resulted in the market becoming extremely selective, we believe certain issues should work somewhat higher before meeting real resistance.

Hayden, Stone & Co., Boston: It would be better, in our opinion, if there were some little halt until business has had time to catch up with the market. This would not only justify the recent rise, but provide much sounder ground for a further advance.

Josephthal & Co., New York: Taking a longer range viewpoint we feel that some thought should be given to the possibility that the market will discount at least to some extent the poor first quarter reports which will begin to be published in April. Accordingly, we are inclined to advise lightening commitments in the more speculative issues and restricting trading and investment purchases to reactions.

Colwell & Co., Boston: How far the advance will go is anyone's guess. However, we do believe a corrective move is long overdue. We would rather see a gradual upswing in prices, interspersed with moderate reactions during which the advance may be consolidated. We continue bullish on the general market and on any substantial reaction believe sound stocks are a buy.

Peter P. McDermott & Co., New York: As to the immediate future, financial requirements are on the side of maintaining confidence in the security markets.

SATURDAY'S TRANSACTIONS ON THE NEW YORK STOCK EXCHANGE

Closing Prices

1931 High	1931 Low	Div. in $	Stock	Sales	High	Low	Last Feb. 28	Last Feb. 27
14¾	9	..	Abitibi	2700	13	11¾	12¾	13¾
52	39	6	Abitibi pf	400	47	46½	46½	47½
34	25	..	Ab & Straus	400	33½	33¼	33½	33¼
101½	100	7	Ab & Str pf	50	100	100	100	100
23½	16⅛	1.60	Adams Ex	2200	22⅞	22	22½	22⅞
23½	21½	1.40	Addressograph	200	23⅛	22¾	22⅞	23⅜
5½	3⅞	..	Adv-Rumely	2600	4⅝	4½	4⅝	4⅝
⅝	⅜	..	Ahumada	1500	⅝	⅝	⅝	⅝
109⅝	92½	3¶	Air Reduc	2000	102¾	101¼	102¼	101⅝
10⅝	7⅝	.60	Airway El	500	9¼	8⅞	8⅞	9⅛
9⅞	7	.40	Alaska Jun	1000	8⅞	8½	8⅝	8⅝
12¾	7¾	..	Alleghany	5800	11⅞	11⅜	11⅜	11⅝
182¾	153½	6§	Allied Chem	3000	170	167¼	169¾	171
42¾	32⅞	3	Allis-Chal	3500	41	39¾	39⅞	40⅝
18⅞	15	2	AL Port Cem	100	18⅛	18⅛	18⅛	17⅞
21	17½	2	Amerada	400	19½	19½	19½	19⅞
66¼	62	3	Am Bk N pf	10	64⅛	64⅛	64⅛	..
29¾	20	..	Am Ag Ch of Del	1700	26	25⅛	26	..
38	32	2.40	Am Brake	100	36¾	36¾	36¾	37
12⅝	8½	..	Am Br Bev	400	10⅞	10⅝	10⅞	10⅞
129⅝	106¼	4¶	Am Can	14900	125¼	123⅝	125	124⅞
38⅝	27	6	Am Car & F	400	36	35⅝	36	36⅜
81½	74⅞	7	Am Car pf	100	81¼	81¼	81¼	..
43¾	29⅞	3	Am Chain	400	37½	37⅛	37⅛	37⅛
46⅞	38¼	2¶	Am Chicle	500	45½	45	45⅛	46⅛
21¼	14¼	1.40	Am Color Type	700	21	20¼	21	21¼
14½	9	..	Am Com Alc	400	12⅝	12⅛	12⅜	12⅞
15	9	1	Am En Til	400	15½	14⅝	15⅛	14⅞
33⅛	19	..	Am European	400	32½	31⅝	32⅛	32
51¾	26¾	..	Am & FPw	48000	45¾	43⅛	43¾	44⅝
90	74	6	Am & FP 6	100	89	89	89	90
79½	67½	7	Am & FP 2pf	400	75	74⅞	74⅞	76⅞
14⅛	10⅛	..	Am Hide pf	200	13⅛	13⅛	13⅛	12⅞
31⅝	23¾	3¶	Am Ice	300	30¾	30⅜	30⅝	30⅞
77¾	74	6	Am Ice pf	100	75	75	75	74⅞
26	18⅞	2§	Am Int Corp	6100	25⅞	23⅞	24⅞	24⅞
1½	⅝	..	Am La Fr	200	1⅛	1⅛	1⅛	1
30⅝	20⅜	2	Am Loco	400	29¼	29¼	29¼	30
82	72¼	7	Am Loco pf	100	82	82	82	..
23¾	16⅝	3	Am Metals	300	22	20⅞	20⅞	22
5⅞	4⅛	..	Am Mach & M ct	100	5	5	5	5¼
39⅞	22½	7	Am Nat G pf	60	27	26⅛	27	..
64⅞	45	1§	Am Pw&Lt	6900	61⅝	59⅝	60⅜	61⅝
19⅞	15½	1	Am Radiat	22500	20½	19⅜	20⅛	19⅞
12⅝	7	..	Am Repub	1300	12⅛	11⅞	12⅛	11⅞
37⅜	26⅜	2§	Am Roll Mill	5900	34	32⅞	33¼	33⅝
66	57	5	Am Saf Raz	600	65¼	64⅝	64⅝	64½
1⅜	¾	..	Am Ship	700	1½	1⅜	1⅜	1½
100⅞	93½	6	Am Smelt 2pf	200	100½	100⅛	100½	100⅝
58⅛	40½	4	Am Smelt	2500	56⅝	54	56⅝	55⅛
31¼	25	3	Am Stl Fnd	100	29	29	29	29
11½	6⅜	..	Am Solv pf	100	10	10	10	..
57⅛	42¾	5	Am Sugar	100	55⅞	55⅞	55⅞	57⅛
23⅛	15¼	5	Am Tel&Cab	10	19	19	19	20
201¾	176¼	9	Am Tel&T	3100	198¾	197⅛	198¾	198¼
105	90	8	Am Type	300	97⅞	97½	97⅞	..
107	105	7	Am Type pf	60	110¼	110⅛	110¼	107
80⅜	53¾	3	Am Wat W	5400	78⅛	75⅞	78⅛	77⅞
105	101¼	6	Am Wat W 6	100	104	104	104	103⅝
79	54¼	..	Am WW ct	600	76	75	75	78⅛
11⅞	6⅞	..	Am Wool	300	9⅞	9⅛	9½	9¾
35⅜	21	..	Am Wool pf	800	34	32⅝	32⅞	33
8¾	4½	..	Am Zinc	200	7¾	7¾	7¾	7⅝
43¼	29¾	2½	Anaconda	13700	42	40¼	42	41¼
36	27	2.40	Anchor Cap	100	32¾	32¾	32¾	33¼
4½	3	..	Arm Ill A	400	3⅛	3⅛	3⅛	3⅛
2⅞	2	..	Arm Ill B	200	2	2	2	2
47	25	..	Arm Ill pf	100	26⅜	26⅜	26⅜	26
7⅜	3⅝	..	Arnold Cons	100	6½	6½	6½	6⅞
28⅞	24⅛	4	Asso Apparel	200	25½	25⅛	25⅛	25⅞
28½	22	2½	Asso Dry G	700	27½	27	27⅛	27⅜
97	85	6	Asso DG 1pf	500	96	96	96	95½
203¾	178⅛	10	Atchison	1300	196⅞	195¼	196⅛	197⅞
107½	102½	5	Atchison pf	100	107⅜	107⅜	107⅜	107⅜
23⅞	18	1	Atl Refin	2900	22⅝	22	22¼	22¼
13½	8⅞	1§	Atlas Stores	100	11⅜	11⅜	11⅜	11
217½	101½	4§	Auburn Auto	4300	207½	202½	203	205¼
2⅝	1	..	Auto Sales	400	2⅛	2	2	2
5	2¾	3	Auto Sales pf	50	5	5	5	4½
6	3	..	Aviation	2500	5⅜	5⅜	5½	5¾
			—B—					
27½	20¾	1¾	Baldwin	1500	26¼	25½	25¾	26¼
87⅞	68⅛	7	Balt & Ohio	2100	84½	81	82¾	84¼
80½	72¼	4	Balt & O pf	400	80	80	80	80
66½	56½	2½	Bangor & A	200	63	63	63	65
10	7	2	Barker Bros	110	7⅜	7¼	7¼	8
14½	11¼	1	Barnsdall A	4000	13½	13¼	13⅜	13⅞
79⅜	65	4	Beatrice	300	75	75	75	75
4	2⅛	..	Belding H	100	3⅞	3⅞	3⅞	..
25½	16⅞	1	Bendix	15300	23⅝	22⅜	22⅝	23½
44⅞	32¼	2	Best & Co	1500	43½	42¼	43⅛	43¼
70⅜	45⅝	6	Beth Steel	17200	68	66	67⅝	68⅞
28	24	1½	Blaw Knox	500	28	27⅜	28	28
35	20¾	1½	Bohn Alum	400	32	30¼	30¼	32
75⅛	67½	3¶	Borden	4500	74¾	73⅞	74¼	74⅜
30¾	20⅝	1	Borg Warner	6000	29⅞	28½	29¾	29⅞
2¼	1½	..	Bot M A pf	20	2	2	2	2¼
22⅜	16½	1½	Briggs	3000	20⅞	20	20½	20⅜
24	16½	2	Briggs & Str	100	22¼	22¼	22¼	..
5	2	..	Brockway	100	5	5	5	5
67¼	58⅝	4	Bkyn Man T	600	67¼	64½	67¼	64
124	103	5	Bkyn Un G	100	121	121	121	122¼
9½	5½	..	Bruns Term	1000	7⅞	7½	7⅞	7⅜
20¾	14¼	1	Bucyrus	100	18¾	18¾	18¾	18⅝
34⅞	25	2½	Bucy cv pf	500	33⅜	33⅜	33⅜	..
5⅞	4	1	Budd Mfg	200	5⅜	5⅜	5⅜	5⅜
23	11¼	..	Bullard	4000	20½	20	20	21½
13	9	1	Budd Wheel	1200	12½	12	12⅜	12½
51¼	25¾	1½	Burns Br A	100	25¾	25¾	25¾	..
10	5	..	Burns Br B	100	6	6	6	6¼
32¼	21½	2	Burroughs	1700	29⅝	29⅜	29⅝	29⅞
31	23¼	2½	Bush Term	600	29	28⅞	29	29⅛
1¼	1	..	Butte & Sup	100	1⅛	1⅛	1⅛	1⅛
20⅝	12¾	..	Butterick	1000	18¾	18⅜	18½	19
69¾	37⅝	..	Byers	7500	63⅞	62½	63⅛	63⅞
			—C—					
53	42¾	4	Calif Pack	500	48⅝	48	48⅝	48⅞
1¼	⅜	..	Callahan	100	1⅛	1⅛	1⅛	1¼
15½	11¾	1	Campbell	100	14	14	14	13¼
11⅜	8	..	Calu & Hecla	700	10⅜	10¼	10⅜	10½
40¼	29⅞	3	Canada Dry	1800	39⅜	38½	38⅞	39⅜
45⅜	38½	2½	Can Pac	2500	44⅜	43⅞	44⅜	44¼
16	9½	..	Capital Adm	100	15	15	15	15
131½	81¾	6	Case Thresh	10000	120½	118	120	120
52½	26⅞	3	Caterpillar	3500	48⅜	47½	48⅜	48⅞
4	2⅛	..	Cav-Dobbs	100	4	4	4	4
10⅛	4½	..	Celotex ct	700	10⅛	8¾	10⅛	9
13¾	5½	..	Celotex	2000	13¾	12⅞	13⅜	12⅞
34½	22¼	..	Celotex pf	60	34½	32	34½	..
24⅞	20	1½	Cen Aguirre	100	23	23	23	23
230	218	8¶	Cen of NJ	200	218	218	218	..
6¼	2½	..	Century Rib	200	6	5⅞	6	5⅞
30⅛	22½	2	Cerro de P	600	28	27½	27½	28
23¼	17¾	1.80	Checker Cab	2500	19⅞	19¼	19¼	19⅞
54⅛	40	3	Ches Corp	3000	51¼	49½	49½	51⅜
46½	39½	2½	Ches & Ohio	4500	44¼	43½	43⅝	44⅜
2¾	⅞	..	Chi & Alton	100	1⅞	1⅞	1⅞	..
7⅞	6⅛	..	Chi Gt West	1000	7½	7⅛	7½	7¼
26⅜	19¼	1	Chi Gt W pf	1400	24⅞	24¼	24⅞	25
15⅜	9½	..	Chi M&SP pf	1600	13	12⅝	12¾	13¼
45½	33	4	Chi & NW	1800	44	43½	43½	44⅜
15⅛	9½	..	Chi Pneu	2000	14⅝	13¼	13⅞	14½
35	23¾	3½	Chi Pneu pf	100	35	35	35	35
65½	47¼	7	Chi RR	800	60¼	59½	59¾	60¼
100¾	94	7	Chi RI 7%	100	99⅞	99⅞	99⅞	99½
23	20⅛	3	Chi Yel Cab	10	22	22	22	23
33¾	25½	2.40	Childs	1400	31½	30⅞	30⅞	32
24¼	15⅞	3	Chrysler	7500	22½	21⅝	22¼	22¼
82½	77⅛	6½	City Ice pf	10	82⅛	82⅛	82⅛	82
34⅛	24¾	..	Cluett Pbdy	100	34	34	34	33¾
10¼	9½	..	Col Bea Oil	100	9⅛	9⅛	9⅛	..
17⅜	9	..	Collins&A	1600	15½	15⅜	15⅜	16
32¼	21⅞	1	Colo F&I	1700	29⅞	28⅜	29	29½
45	34	2§	Colum Gas	950	43	41	41⅜	42⅝
108½	100⅞	6	Col Gas pf A	100	108	108	108	108
111⅜	73½	6	Col Carbon	1800	106	103¼	104½	106
13¾	7¾	¾	Col Graph	4500	13¾	12	13⅝	12⅛
23½	8½	2	Com Cred	1000	22¾	22	22¾	22⅛
23½	20	1¾	Com Cred pf	100	21½	21½	21½	21½
35⅞	34	3	Com Cred A	800	35¾	35	35¾	35
90	82	6	Com Inv Tr cv pf	100	87½	87½	87½	87¼
33	25	2	Com Inv Tr	900	32¾	32¼	32⅝	32⅛
21½	15⅞	1	Com Sol	8500	20	19¼	19¾	19⅞
12	8	.60	Commwlth So	7000	11⅜	11	11¼	11⅛
99⅝	91½	6	Com So 6pf	100	97⅝	97⅝	97⅝	97⅞
11⅝	6⅞	..	Congoleum	800	10⅜	10	10	10¼
15	9⅝	2	Con Film	100	13½	13½	13½	13⅝
18⅞	15⅞	2	Con Film pf	100	17⅞	17⅞	17⅞	18
102½	82⅞	4	Con Gas	11000	100¾	99¼	100	99⅞
104¼	101½	5	Con Gas pf	500	101⅝	101½	101¾	101⅞
42½	34¼	6	Con Ry C pf	100	40	40	40	..
1½	¼	..	Con Textile	1400	1⅜	1¼	1¼	1¼
8½	6½	1.20	Container A	800	7⅝	7½	7⅝	7¾
3	2⅜	..	Container B	100	2¾	2¾	2¾	2⅝
30	17¾	..	Cont Bak A	2600	28¼	27¾	28	28¼
3⅝	2¼	..	Cont Bak B	1000	3⅛	3	3	3⅛
59⅞	47	2½	Cont Can	3000	58⅜	57¼	57¾	58⅛
16⅞	10½	1	Cont Dia Fib	5000	15½	15⅛	15½	15⅜
51⅞	41	2.40	Cont Ins	1000	49⅞	49	49	49½
4½	2⅞	..	Cont Motors	800	4⅜	4¼	4¼	4¼
12	9¼	..	Cont Oil	1400	11⅞	11⅛	11⅜	11½
12	8½	..	Cont Shares	1800	11⅜	10⅞	11	11½
86⅝	76½	3¶	Corn Prod	3000	84½	83⅛	83⅞	85
18	8¼	..	Coty	1600	16¼	15½	16	17
31	27	2*	Cream of Wh	700	31	30½	30½	30½
16½	14⅞	..	Crex Carpet	100	16	16	16	..
8¾	4½	..	Crosley	100	8	8	8	8¾
106	103	7	Crucible pf	30	104½	104½	104½	..
5⅞	4	..	Cuba Co	800	4½	4½	4½	..
1½	½	..	Cub Dom S	200	⅝	⅝	⅝	⅝
5⅞	2⅝	..	Curtiss Wr	12500	5⅜	5⅛	5⅜	5⅜
8¼	3⅞	..	Curtiss Wr	1500	7⅜	7⅜	7⅜	7⅝
41	30¼	..	Cutler	600	31	30½	31	31
			—D—					
23	13½	..	Davison	1400	20½	19¾	20½	20¾
157¼	141	9	Del & Hud	200	153	153	153	154
102	80	6¶	Del Lac&W	300	91	90	90	90⅝
22⅝	14⅞	..	Diamond M	6900	22½	21⅛	21⅝	21½
26	24⅜	..	Diamond M pf	100	25¾	25⅝	25⅝	25¾
21¾	14½	1.20	Dom Stores	400	21¼	21	21⅛	21¼
1½	¾	..	Du So Sh pf	100	¾	¾	¾	..
102⅞	83½	4¶	Dupont	6100	99	97¼	98⅞	99⅛
121¾	118¾	6	Dupont Deb	300	121¼	121	121	121½
			—E—					
12½	7½	..	Eastern RM	100	12⅝	12⅝	12⅝	12½
185¾	143⅝	5¶	East Kodak	1100	178	176	177	177⅛
21⅛	13¾	1.60	Eaton Axle	700	19⅞	19¼	19¼	19⅝
68⅞	50⅝	6	Elec Auto Lt	6700	66⅞	65	65⅛	66⅞
3⅞	2½	..	Elec Boat	100	2⅞	2⅞	2⅞	3
60⅜	38¼	1	Elec P&L	13900	58⅝	57⅛	57⅝	58⅝
107⅞	100	7	Elec P&L pf	100	107	107	107	..
65	50⅞	5	Elec Sto Bat	200	63	63	63	63⅛
2¼	1	..	Emer-Br A	100	2¼	2¼	2¼	2¼
47⅛	38	2.40	Eng P S	100	47⅛	47⅛	47⅛	45¼
89⅝	85	5½	Eng PS 5½ pf ww	100	89⅝	89⅝	89⅝	..
39⅜	28	..	Erie	600	37½	37	37	38⅜
45½	39	4	Erie 1 pf	200	45⅛	45⅛	45⅛	46⅛
12½	9	..	Eureka Vac	400	11	10⅛	10⅞	11⅛
8⅝	4½	..	Evans Auto L	200	8	6⅝	6⅝	8
25	20	1½	Ex Buffet	50	20¼	20¼	20¼	..
			—F—					
6½	3⅝	..	Fashion Pk	300	6	6	6	..
93	85¼	6½	Filene pf	10	93	93	93	..
63	56½	6	Firestone pf	100	60⅛	60⅛	60⅛	..
53⅞	41	2½	First Nat St	3200	53⅛	52	52	53⅛
⅞	½	..	Fisk Rubber	2100	⅞	¾	¾	⅞
64⅛	41⅜	2	Foster & Wh	3700	60⅞	59⅜	60	60⅞
32½	22¼	..	Fourth Nat Inv	200	31	31	31	31½
38⅞	25⅜	4	Fox A	5700	35½	34¼	35⅛	36
42	28¼	4	Freeport Tx	1900	37⅞	37	37¼	38
65	65	6¶	Fuller 2pf	10	65	65	65	..
			—G—					
60	50½	5	Gamewell	100	59	58	58	58¼
2	⅞	..	Gardner M	200	1⅛	1⅛	1⅛	1⅛
73¼	57⅞	4¶	Gen Am Tk	700	71⅝	71⅛	71⅛	71⅝
45⅛	24¼	3	Gen Asphalt	400	43⅛	42⅞	43⅛	43⅛
9½	6¼	..	Gen Bronze	300	9	8⅞	9	8⅝
13	7	..	Gen Cable	100	10¼	10¼	10¼	10⅝
65	40¼	7	Gen Cable pf	30	56	55⅞	55⅞	57⅛
54¾	41⅝	1.60	Gen Elec	27100	53⅛	51⅝	53⅛	52⅞
12⅛	11⅛	.60	Gen Elec Sp	200	11⅞	11⅞	11⅞	12
55	47⅝	3	Gen Foods	3100	53⅞	53⅛	53⅜	53⅝
70	54	6	Gen G&E cv pf	400	69⅛	69¼	69	..
8½	4⅛	.30	Gen G&E A	2900	7⅞	7⅝	7½	7¾
99	96	6	Gen Mills pf	100	98⅛	98⅛	98⅛	99
45¼	35¼	3¶	Gen Motors	30100	44	43⅛	43⅝	43⅞
100½	95	5	Gen Mot	100	100⅛	100⅛	100⅛	100⅛
23	14⅞	6a	Gen Pub Svc	500	21⅞	20⅞	21⅞	21⅛
10¼	7⅛	..	Gen O Ad	100	9⅞	9⅞	9⅞	..
15⅛	8⅛	..	Gen Theater	1100	14	13¼	14	14
82¼	68	5	Gen Ry Sig	700	83	80	82	81
8½	5¼	..	Gen Realty	3700	8⅛	7⅛	7⅝	8
70	54	..	Gen Realty pf ww	100	70	70	70	..
57⅛	40	4¶	Gen Refrac	2100	55	53	55	53
34⅞	21⅛	..	Gillette	7000	29⅝	28⅞	29⅜	29⅞
60⅞	52⅞	..	Gillette pf	300	60	59⅜	60	60⅝
7⅞	4⅛	..	Gimbel Br	500	6⅞	6⅜	6⅝	7
16⅞	8⅝	..	Glidden	2100	14⅛	13⅝	14	14⅜
78	64⅝	7	Glidden ppf	10	73	73	73	71
9⅛	4	..	Gobel (Adolf)	4700	7⅜	7	7⅛	6⅞
39⅞	31⅜	2½	Gold Dust	8700	39	37½	37⅞	38⅝
20⅞	15⅜	..	Goodrich	2100	19	18⅝	18⅝	19
52⅞	38⅞	5	Goodyear	900	50⅞	49	49⅞	49⅞
5⅛	3⅞	..	Graham-P	1500	4⅝	4⅛	4⅜	4⅛
4⅝	3⅛	..	Graham-P ctf	300	3⅞	3⅛	3⅜	..
22⅞	15⅞	2	Granby	300	21⅞	20⅝	20⅝	21¼
24⅝	19½	1¶	Grand Silver	300	23⅛	23⅛	23⅛	24
17	10⅞	..	Grand Union	2100	16⅞	16¼	16⅜	16
33⅛	25⅞	1	Grant (WT)	300	33	32⅞	32⅞	33
69⅞	58⅛	5	Grt Nor pf	300	68	68	68	68⅛
22	16⅛	3¶	Grt Nor Ore	1400	21⅝	21⅛	21⅛	21⅝
11⅞	7⅞	..	Grt W Sug	300	10	10	10	10
96⅞	85⅞	7	Grt W Sug pf	8000	96⅛	96	96	..
6⅞	3⅝	..	Grisby Gru	16100	6⅛	5⅞	6⅛	6⅛
37½	18⅞	..	Gulf Steel	400	34⅛	33⅞	34⅛	35
			—H—					
9⅜	6⅞	..	Hahn Dpt St	1700	8⅞	8⅛	8½	8⅝
58¼	50	6½	Hahn Dpt pf	100	56⅛	56⅛	56⅛	57
17	16	2	Hall Print	100	16	16	16	16
44¼	39	2¶	Harbison	100	41	41	41	41½
7⅜	3⅜	..	Hartman B	1100	6⅜	6⅛	6⅜	6⅞
6⅛	3⅛	..	Hayes Body	4500	6⅞	5	6⅛	4⅞
119	116⅛	7	Here P pf	40	118⅞	118⅛	118⅛	118⅞
99	93	4¶	Hershey pf	200	98⅞	98⅛	98⅛	..
10⅛	5⅞	..	Hollander	100	10	10	10	10
36⅞	26	2½¶	Holland F	1200	36⅛	35½	35⅞	36½
8⅛	4⅛	..	Houdaille B	1800	8	7⅞	8	8⅛
68⅞	35⅛	10¶	Houston Oil	4400	63	59	60⅛	63
14⅞	3⅞	..	Houston Oil n	6200	13⅞	12⅛	12⅞	13⅛
29⅞	21	4¶	Howe Sound	300	29	28⅞	29	28⅞
44⅛	37	3½	Hud Man	200	42⅛	42⅛	42⅛	43⅜
26	18⅞	3	Hudson Mot	3000	22⅞	21⅞	22	21⅞
13⅛	7⅞	2¶	Hupp Motors	1500	11⅞	11⅝	11¾	12
			—I—					
89	69⅞	7	Ill Central	200	86⅞	85½	85½	87⅞
4⅞	2⅞	..	Indian Mot	1900	4⅛	4	4	4
4⅛	3⅞	..	Indian Refin	100	3⅞	3⅞	3⅞	3⅞
86	45	4	Ind Rayon	900	80⅞	77⅞	78⅞	81
11⅞	7⅜	..	Inspiration	300	11	10⅞	10⅞	11
9⅛	5⅞	.40	Insuran Sh	300	8⅞	8⅛	8½	8⅞
33⅛	24⅛	..	Interboro RT	7900	33⅞	31	33⅞	30
32⅛	26⅞	..	Int R T ctfs	500	32½	31⅛	32⅛	31⅛
5⅛	3⅛	..	Int Agri	100	4⅞	4⅞	4⅞	..
179⅞	145⅛	6§	Int Business	100	173	173	173	170
62⅛	49⅞	4	Int Cement	1200	60⅛	59	59	60⅞
4	1⅞	..	Int Combus	400	3⅛	3⅛	3½	3¼
60⅛	48	2½	Int Harv	2600	59⅞	58⅛	59⅛	59⅞
31	21⅞	3b	Int Hyd El	1800	29⅞	28⅞	29⅞	30
68⅞	55	4	Int Match pf	700	68	67⅛	67⅞	69⅛
20⅛	13⅞	.60	Int Nickel	7500	19⅛	18⅛	19	18⅞
40	31	7	Int Paper 7%	80	37⅛	37⅛	37⅛	38⅞
10⅛	6⅞	..	Int P&P A	100	8⅞	8⅞	8⅞	10
4⅛	2⅜	..	Int P&P C	200	4⅛	4	4	4
40	26⅛	7	Int P&P pf	500	38⅞	38⅞	38⅞	39
11	8⅛	..	Int Dy ct	50	11	11	11	..
42	27⅛	3	Int Slt	3800	39⅞	39	39⅞	40
38⅜	28⅜	2	Int Tel & T	19200	34⅞	33⅛	33⅞	34⅜
21⅛	16	2	Inter Dep St	500	19⅛	18⅞	18⅞	19⅞
65	58	7	Inter D St ww	20	65	65	65	..
9⅛	5	..	Inv Equ	200	8⅛	8⅛	8⅛	9
			—J—					
57⅛	39⅛	3¶	Jewel Tea	300	55	54½	54½	54¼
77⅞	52⅛	3	Johns Man	1800	72¾	70⅞	72¾	72
			—K—					
45	35	5	Kan City So	200	44½	44¼	44¼	44⅞
24⅛	16⅛	5	Kayser	8300	23⅞	22	22⅞	23⅜
2⅛	1⅛	..	Kelley Spring	1100	2⅛	2⅛	2⅛	2⅜
16⅞	9⅞	..	Kelly Spr 8%	50	16⅛	16⅛	16⅛	..
29⅞	21⅞	2	Kelsey Wh	300	27⅛	27	27	27
14⅛	8⅛	..	Kelvinator	2100	13⅛	13	13	13⅛
31½	22⅛	2	Kennecott	3400	30⅞	29⅛	30⅛	29⅞
2⅛	⅞	..	Kolster Rad	300	2	1⅞	2	2
1⅜	⅞	..	Kolster Rad ctf	100	1¼	1¼	1¼	1¼
27⅞	25	1.60	Kresge	200	27⅞	27	27	27⅛
25⅞	20⅛	1.34	Kreuger Toll	2200	25⅞	25⅞	25⅞	25½
31⅞	18	1§	Kroger	4500	30½	28⅞	30⅛	30½
			—L—					
8⅝	6¼	..	Leh V Coal	200	6	6	6	6
61	53	3½¶	Leh Val RR	100	55	55	55	55
69⅞	54	3	Lehan	300	67	66	67	67
15⅛	11¼	1	Libbey Ow	300	14⅞	14¼	14⅞	14¼
34⅞	23⅞	..	Lima Loco	800	32⅛	31⅞	32	33
33	29⅛	2.40	Link Belt	200	32	30⅞	30½	..
55⅛	41⅞	4	Liquid Car	500	53	51¼	52⅞	53
63⅞	45⅛	3¶	Loews Inc	4300	59⅞	58	59⅛	59¼
5	2⅞	..	Loft Inc	100	4⅞	4⅞	4⅞	4⅞
54⅛	43⅞	2.60¶	Loose-Wiles	300	53	52⅛	53	53⅛
35⅜	27	1¾	Lou G&E A	300	33⅛	33	33	34
111	90⅛	7	Louis & N	100	107	107	107	109
18⅞	11	..	Ludlum Stl	300	17	16⅞	16⅞	17¼
			—M—					
51¾	34	2	McCrory Str	120	50¼	49¼	49¼	49¼
51⅛	35	2	McCrory B	100	49¼	49	49	49
85¾	71½	4¶	McKeesport	400	82⅛	81⅞	82⅞	82⅛
9½	7	..	McLellan	500	9⅛	9	9⅛	9¼
43⅛	35¾	4	Mack Trucks	700	41⅞	41⅛	41⅞	42
106⅛	83	2¶	Macy	1700	103⅞	102	103⅞	103¾
6⅞	5	..	Madison Sq	100	6⅞	6⅞	6⅞	6
4⅛	2⅛	..	Mallinson	100	4⅛	4⅛	4⅛	4½
4	½	..	Manati Sug	10	3	3	3	2⅝
61	52⅞	7	Man Elv gtd	140	61	60	61	60
39	32⅞	.80	Man Elv mg	2600	39	37	39⅞	37½
24⅛	19⅞	1.20	Marine Mid	100	23½	23½	23½	23⅞
10	5⅛	..	Marmon	100	8⅞	8⅞	8⅞	8⅞
32⅜	23⅛	2½	Marshall F	1100	31⅞	31⅛	31⅞	32
31½	23⅞	2	Math Alkali	1600	27⅛	26⅛	26⅞	27⅛
38	28⅞	2§	May Dept S	300	37⅛	37⅛	37⅛	36⅛
8⅞	5⅞	..	Maytag	100	8	8	8	8½
22⅛	15⅛	3	Maytag pf ww	300	22¾	22¼	22⅜	22⅞
26⅛	25	1.89	Metro-Gld pf	100	25	25	25	25
19⅜	10⅞	..	Mex Seabd	9500	18⅝	18	18	18½
10⅞	7⅛	..	Miami Cop	900	10⅛	10¼	10⅛	10
16⅜	13½	2	Mid Cont	1600	14⅞	14½	14⅞	15⅛
31½	21	3	Midland St	1300	29	27⅞	28	29⅜
7½	4½	..	Min Moline	800	7¼	7	7¼	6⅞
26⅜	20	3	Mo K&T	1400	24⅞	23⅞	24⅞	24⅞
85	70	7	Mo K&T pf	700	82	71⅝	81	82⅞
42⅞	30⅛	..	Mo Pac	100	41	41	41	40
107	86⅞	5	Mo Pac pf	500	105	104⅛	105	104⅞
18⅛	10⅞	..	Mohawk	100	16	16	16	16
29⅛	15⅞	..	Mont Ward	30500	27⅞	26⅞	27	27¼
58	51	4.40	Morrel & S	100	56	56	56	..
⅞	½	..	Mother Lode	700	¾	⅝	⅝	⅝
3⅝	2½	..	Mot Met G&E	800	3⅛	3	3	3⅛
47	30	2	Motor Prod	100	43	43	43	43½
20⅛	8⅞	..	Mullins Body	1000	18	17¼	17½	19⅞
31⅛	27⅞	3¶	Munsing	100	29⅞	29⅞	29⅞	29
16⅜	11½	..	Murray Body	1400	15	14½	15	14⅞
			—N—					
38¾	27¼	4	Nash Mot	1700	36	35⅞	36	36
10¼	7⅛	1½	Nat Acme	500	9⅛	9⅛	9⅛	9¼
10	3¼	..	Nat Bellas H	300	8¼	7⅞	7⅞	8⅛
83⅝	76	2.80¶	Nat Bisc	700	81⅞	81⅛	81⅛	81⅞
39⅞	29	3¶	Nat Cash R	2300	39⅞	37⅞	38	38¼
47⅛	38¼	2.60	Nat Dairy	2900	46	45⅛	45⅛	46
7⅛	4⅛	..	Nat Dept Sto	200	7⅛	7⅛	7⅛	..
36⅞	19⅞	2	Nat Distil	2800	32⅞	30	30	31⅞
132	118½	5¶	Nat Lead	200	127⅛	127	127⅛	..
44¼	31⅞	1	Nat Pw & Lt	16800	42	40¼	41⅛	41⅞
1⅛	⅝	..	Nat Radiat	700	¾	¾	¾	¾
58	43	2	Nat Steel	500	54⅞	54⅛	54⅛	54⅛
70⅛	59	5	Nat Supply	500	67	65⅛	67	68
62⅛	41⅞	5	Nat Surety	400	60⅛	60	60	60⅞
23⅛	15⅛	1	Nat Tea	400	23	22⅛	22½	22⅜
25⅛	19½	1.60	Neisner Bros	300	20⅛	20⅛	20⅛	21
14⅛	10¼	1	Nev Cons	3400	14¼	13⅞	14	14¼
47	42¼	3	Newport A	400	42¼	42	42	..
132¼	113	8	NY Central	7600	127⅜	124¼	125½	128⅞
88	77¼	6	NY C&STL	100	85	85	85	..
227	165	5	NY & Harlem	20	205	202¼	202¼	205¼
12⅛	10	1.20	NY Invest	1300	11⅞	11	11⅞	11
94⅞	75	6	NY NH&H	2200	91½	89¼	91½	92
104	100	6	NY Stm 6%	100	104	104	104	104
217	200	10¶	Norf & West	100	209	209	209	214¼
90¼	62	10a	No Am	6600	88⅞	86⅛	88⅞	88
55	53	3	No Am pf	200	55	55	55	54⅞
10	4⅜	..	No AmAviat	6400	9⅞	8⅞	9⅞	9⅞
88	85½	4	No Central	20	88	88	88	..
31⅛	24⅞	3.43	N Ger Lloyd	300	31½	31⅛	31½	..
60⅞	47⅛	5	No Pac	300	58⅛	58	58⅛	58½
2⅜	2*	..	Nunnally	1000	2½	2½	2½	2½
			—O—					
19½	15⅝	1	Ohio Oil	800	17	17	17	17
5⅞	3⅞	..	Oliver Farm	400	5½	5¼	5¼	5¼
28½	22	3	Oppenheim	200	28½	28	28½	28
58½	52¼	2½	Otis Elev	1100	55⅞	54⅛	54⅛	55¼
16⅜	10	..	Otis Steel	200	15	14¼	14¼	15
			—P—					
6¼	4	..	Pac Coast	100	6⅛	6⅛	6⅛	6
2⅝	2	..	Pac Gas rts	9800	2½	2⅜	2⅜	2½
51⅛	45¼	2	Pac Gas	5100	50⅞	49⅞	49⅞	50⅞
67¼	50¼	3	Pac Lighting	700	65⅞	64½	64⅞	65½
131	116⅛	7	Pac Tel&T	40	129	128½	129	130½
11⅞	8⅞	.60	Packard M	4800	11⅞	11½	11⅞	11¼
36½	32	..	Pan-Am B	100	35	35	35	35
4⅛	2⅞	..	Panhandle	100	3½	3½	3½	4
50¼	36⅞	..	Paramount	7100	47½	46½	47*	46⅞
1⅞	1⅜	..	Park Utah	1100	1⅞	1⅞	1⅞	1⅞
2⅞	1½	..	Pathe Exch	500	2⅞	2¼	2⅞	2¼
5	3	..	Pathe Ex A	400	4	4	4	4
15¼	10⅞	..	Patino M	1100	14½	14	14	..
4⅝	3½	..	Peerless Mot	100	3⅞	3⅞	3⅞	4¼
46½	37⅞	1	Penick & F	1600	45⅞	44⅞	45½	45
5⅛	3⅞	..	Penn Dix C	400	4⅞	4⅝	4⅝	4⅞
39⅞	28⅞	2.40	J C Penney	800	37⅞	37⅛	37⅛	38⅞
64	55⅞	4	Penn RR	6300	63	62¼	62⅝	63¼
250	200½	8	Peoples Gas	200	245	242	245	..
80	77	5	Pere M pf	50	78	77	77	78
10⅞	6⅞	1	Petroleum	3600	10¼	10	10¼	10⅞
25⅞	19⅞	2	Phelps Dodge	200	24	24	24	24
12	7⅞	..	Phila Read	1000	11	10½	10⅞	11
16⅞	12⅛	2¶	Phillips Pet	3500	14⅞	14⅛	14⅞	14¼
1½	⅝	..	Pierce Oil	800	1½	1	1	1⅜
23⅞	9	..	Pierce Oil pf	100	22⅞	22⅞	22⅞	22¼
3⅞	1⅜	10	Pierce Pet	700	3¼	3⅛	3¼	3¼
31⅞	26	2¶	Pillsbury	100	30	30	30	30⅞
80	67⅛	..	Pitts Coal pf	100	77	77	77	77
15¼	14	1.40¶	Pitts Scr&B	100	15¼	14¼	14¼	..
87	83	7	Pitts Stl pf	30	83	83	83	..
39½	25	7	Post Tel pf	100	36	36	36	36½
20⅞	12⅞	2¶	Prairie O&G	300	18⅞	18⅞	18⅞	19
26½	17⅞	3¶	Prairie P L	200	24	24	24	24⅞
7⅛	4	..	Press Steel	100	6	6	6	6⅞
47⅞	35⅛	7	Press St pf	200	44⅛	44⅛	44⅛	44
70⅞	63	2	Proctor & G	100	70	69⅞	70	70
90⅞	72	3.40	Pub Serv	4500	87⅞	86⅛	87	88
98⅛	95	5	Pub Serv 5%	300	98⅛	98⅛	98⅛	98¼
111⅛	109⅛	6	Pb Sv EG pf	100	111⅛	111⅛	111⅛	..
153½	148	8	Pub Serv 8%	100	153½	153½	153½	..
58⅛	49⅞	4	Pullman	1800	57⅞	54⅞	55⅛	57
11⅞	8⅞	..	Pure Oil	1000	10⅛	10	10⅛	10½
101⅞	95⅛	8	Pure Oil pf	110	99⅞	99¼	99¼	99½
53⅞	38	4	Purity Bk	1500	53	52	53	52⅞
			—R—					
27½	12	..	Radio	25000	26⅛	24¾	26⅛	25½
56¼	34½	5	Radi pf B	100	53⅞	53⅞	53⅞	55
23⅞	15⅞	..	Radio-Keith	12500	21⅞	21	21⅛	22
61	57	4	RR Secur	50	58⅛	58⅛	58⅛	..
28⅞	18⅞	2.60	Raybestos	700	25⅞	25⅛	25¼	26
30⅞	25	5	Real Silk H	700	27⅞	27	27	27⅞
1⅞	⅞	..	Reis & Co	100	1⅛	1⅛	1⅛	1⅛
19¾	15⅛	1.60	Rem Rand	3000	18⅞	18⅛	18⅞	18⅞
88	80⅛	7	Rem Rd 1pf	200	85	85	85	85½
10⅛	8¼	.40	Reo Motors	1000	8⅛	8¼	8½	8⅞
25⅞	12	..	Repub Stl	4200	23⅞	22⅞	23⅛	23⅞
54	29⅛	..	Repub Stl pf	1200	47⅞	47	47⅛	49
20¼	11½	2	R Metal	100	19⅞	19⅞	19⅞	19⅞
10	5⅞	..	Reynolds S	100	9	9	9	7⅞
6⅞	2⅞	2	Richfield Oil	700	4⅞	4⅝	4⅞	4⅞
10⅛	5⅞	..	Rio Grande O	1000	8⅞	8⅞	8⅞	9
37⅞	27	2½	Ritter D	500	38	36⅞	38	35⅞
26	16⅞	2.20	Rossia Ins	1000	23⅛	23⅛	23⅛	24
42⅞	37⅞	1.87	Royal Dutch	700	39⅞	39	39	39⅞
			—S—					
63	38⅞	5	Safeway S	1200	60⅞	59½	60⅛	59⅞
103	96	7	Safew S 7%	20	103	102½	102½	..
30⅞	24⅞	2¶	St Joseph	1500	29	28	28⅞	28
62⅛	43	8	StL & SF	100	47⅛	48	47⅛	46⅞
76	63⅞	6	StL & SF pf	100	70	70	70	70
33½	23	..	StL SW	100	30	30	30	31
20⅛	13	2	Savage A	500	19⅞	19⅛	19⅛	19½
1⅞	½	..	Seabd AL	100	⅞	⅞	⅞	⅞
3⅞	1	..	Seabd AL pf	300	1½	1½	1½	..
11	6⅞	1.20	Seagrave	1700	10⅛	9⅞	10	10⅛
63⅞	44⅞	2½¶	Sears Roe	3500	59⅞	58⅛	59⅞	60⅞
6⅛	3⅞	..	Sec Nat Inv	700	6½	6⅛	6⅛	6½
58⅛	40	..	Sec Nat pf	500	57⅞	56⅞	57	57⅞
1⅛	1⅛	..	Seneca Cop	100	1⅛	1⅛	1⅛	1⅛
8⅛	4⅛	..	Servel	1200	7⅞	7⅛	7½	7⅞
13⅞	10	..	Sharon	200	13⅛	13⅛	13⅛	..
19	12	..	Sharp Dohme	100	18	18	18	18
29½	22⅛	1¶	Shattuck	100	28	27½	28	28⅞
10⅛	7⅞	..	Shell Union	1500	9⅞	9	9⅞	9⅛
8⅛	4⅛	..	Shuberts Th	1000	7⅞	6⅞	7½	6½
22⅞	14⅞	..	Simmons	5500	21⅞	20⅞	21⅞	21⅞
15⅞	10⅛	1	Sinclair	9000	15	14½	14⅞	14⅞
12⅞	8⅞	..	Skelly Oil	700	10	9⅞	9⅞	10⅛
62	42⅞	1	Skellyoil pf ww	500	52	51⅞	52	..
4⅞	3⅞	..	Snider	100	3⅛	3⅛	3⅛	3⅛
94⅞	90	5.50	Sol Am pf ww	100	90	90	90	90
54⅛	48⅞	2	So Calif Ed	700	51⅛	50⅞	50⅞	51⅞
2⅞	2⅛	..	So Cal Ed rts	5000	2½	2⅜	2⅜	2⅞
109⅞	92⅞	6	So Pacific	100	105	104⅞	105	106½
17⅞	12	2¶	So PR Sug	500	14⅞	14⅞	14⅞	14⅞
66⅞	47⅞	4	So Railway	1000	59	58	58⅞	60
78	70	4	So Railway	1000	59	58	58⅞	60
76	70	4	So Ry M&O	200	72½	72½	72½	..
34⅛	21½	2¶	Starret Co	1000	31	30⅞	31	31¼
5⅞	3	..	Sterling	100	5½	5½	5½	5⅞
9⅞	6½	1.20	Sterling pf	100	9⅞	9⅞	9⅞	9⅞
20⅞	14⅞	..	St-Warner	3000	18½	18¼	18⅛	18⅞
49⅞	37⅞	3	Stone & Web	2700	47½	46⅞	47	47
25⅞	20⅛	1.20	Studebaker	2000	24	23¾	23¾	24
45⅛	39⅞	1§	Sun Oil	100	44	44	44	44⅞
104½	100⅞	6	Sun Oil pf	20	104	104	104	103⅞
17⅞	6⅞	..	Super Steel	400	16⅞	16	16⅛	16⅞
6⅛	4⅛	..	Symington A	100	6	6	6	6½
12⅞	8⅞	1	SparksWith	2500	11⅞	11⅞	11½	11½
11⅞	5⅛	..	Spiegel May	100	10⅛	10⅛	10⅛	11⅞
20⅞	16⅞	1.20	Sta Brands	9000	20	19⅞	19⅞	19⅞
87⅞	58	3.50	Sta Gas	8500	84	82⅞	84	84⅞
4⅛	2	..	Sta Inv	200	4⅛	4	4	4
51⅞	45⅛	2.50§	Sta Oil Cal	1500	49⅞	48⅞	49½	50¼
52⅛	45⅞	1¶	Sta Oil NJ	5000	50¼	49⅞	49⅞	50⅞
26	22½	1.60	Sta Oil NY	2300	25⅞	25	25	25⅛
			—T—					
9½	8½	.50	Tenn Cop	500	9	9	9	..
36⅛	30⅞	3	Tex Corp	4000	34	33½	34	34
55⅞	45⅞	4	Tex Gulf S	1800	55	54½	55	54⅞
6⅛	4½	..	Tex & P Coal	100	5½	5½	5½	6
17⅞	11⅞	..	Tex & P LT	3700	16⅛	15⅞	15⅞	16
22	13¼	1.60	Thatcher	15100	21⅞	21	21⅞	21¾
40¼	35	3.60	Thatch cv pf	100	40	40	40	40¼
9	5	..	Thermold	600	6⅞	6⅞	6⅞	6⅞
9⅛	6⅛	..	Third Ave	500	9⅞	9½	9⅞	9
32	25	3	Thompson	1100	32½	31⅞	32½	31¼
6⅞	4	..	Thom Star	600	6⅞	6¼	6¼	6¼
18	11⅞	2.40	Thom Prod	400	17	17	17	17½
9	6½	60	Tidewat As	4600	8½	8	8	8½
12	9⅞	.60¶	Timken-Det	100	11	11	11	11
59	43	3	Timken	200	56½	56½	56½	58
18	11⅞	1	Transamer	12900	16½	15⅞	16¼	16⅜
11⅛	6½	..	Tri-Cont	5600	11⅞	11⅛	11⅞	11⅛
14⅞	7⅞	1	Trans & W	500	13⅞	12⅞	13⅞	13⅞
45⅞	29⅞	2.50	Trico	800	44⅞	43	43	45⅛
10	8½	1.60	Truax Coal	100	9	9	9	9½
			—U—					
17⅞	14½	1.60	Ulen & Co	300	16⅞	16⅞	16⅞	..
75⅞	51⅛	5	Underwood	800	74⅛	73½	74	73
13⅞	9⅞	..	Un Bag & P	100	12½	12½	12½	..
72	55½	2.60	Un Carbide	6700	68⅞	67⅛	68	68½
26⅞	22	2§	Un Oil Cal	400	24½	24	24⅞	24⅞
205⅛	179⅞	10	Un Pac	1400	203	200	203	204⅞
25⅛	23	1.60	Un Tk Car	600	23	23	23	23
37⅞	22⅛	..	Uni Air T	35100	35¼	33⅞	34⅞	35½
57	46	3	Uni Air T pf	200	55½	55	55	56
40⅞	33⅞	2	Uni Biscuit	200	40	40	40	40½
115	113¼	7	Uni Bisc pf	40	115	115	115	..
28⅞	18⅛	1.75	Unit Carbon	3200	26⅞	25⅞	26⅛	26⅞
28⅞	18⅛	.50	Unit Corp	70200	27⅞	26⅛	26⅞	27⅞
50⅞	44⅞	3	Unit Corp pf	400	50⅛	50¼	50⅛	50¼
12	3	..	Uni El Coal	900	11⅞	10⅞	11⅞	10⅞
67⅞	51¼	4§	Uni Fruit	800	67	66	67	66¼
35½	27⅞	1.20	Uni Gas Imp	12100	34⅞	33⅛	33⅞	34
102½	98½	5	Uni & Imp pf	600	99⅞	99⅞	99⅞	99⅞
31⅞	23⅛	2	Uni Piece Dye	1700	30⅞	29½	29⅞	30⅞
45⅛	40¼	1.60¶	Gypsum	500	44	44	44	45
77⅞	54	6¶	US Ind Alco	1800	71½	70	71⅞	71½
10½	7	..	US Lea A	200	10	9½	10	9⅞
36	27⅞	2	US Pipe&Fd	4700	34⅞	33⅞	34½	34⅞
38⅞	26⅞	..	US Realty	200	34⅞	34⅛	34⅞	34⅞
17⅞	11⅞	..	US Rubber	2200	16⅞	15⅞	16⅛	16⅛
33½	20⅞	..	US Rub 1pf	400	29½	29	29	29⅞
46	42⅞	3.50	US Smelt pf	100	44¼	44¼	44¼	44
152⅞	137⅞	7¶	US Steel	16100	149	147⅛	147⅛	148⅞
148⅛	143⅛	7	US Steel pf	100	146⅞	146⅞	146⅞	146⅞
4	2⅞	..	Univ Pipe	100	3⅞	3⅞	3⅞	3⅞
31	21½	2b	Util P&Lt A	10200	31	28½	31	30
			—V—					
2	¾	..	Vadsco	100	1⅞	1⅞	1⅞	1¾
75¼	45⅛	3	Vanadium	33200	67½	65¼	66¾	67⅞
3¼	2	..	Va-C Chem	100	2⅞	2⅞	2⅞	..
104	98¼	6	Va El&P pf	110	103¾	103¾	103¾	103¾
71⅞	41½	4	Vulca	230	65⅞	62½	62¼	65⅞
			—W—					
26	17	..	Wabash	200	18	18	18	18½
27⅞	22½	1.50	Waldorf	700	24⅛	24	24	24
15	12	..	Walworth	200	13⅞	13	13	13⅛
27⅛	13⅞	..	Ward Bk A	220	28	25⅛	25¼	25
57½	45	7	Ward Bk pf	100	56½	56½	56½	56½
20⅞	13	4	Warner Br A	16800	16⅞	15⅞	16⅞	16
7⅞	4⅛	..	Warner Quin	200	6½	6½	6½	6⅞
46⅞	27⅞	3	Warren Br	4800	44⅞	43	44⅛	45
32	24	2	Warren F&P	100	31¼	31¼	31¼	..
26⅛	21¼	2	Wesson O	100	25⅞	25⅞	25⅞	25¼
57⅛	54½	4	Wesson O pf	200	56½	56½	56½	56½
104½	99	7	W Pen El A	20	104½	104⅞	104½	102¼
97⅞	95	6	W Pen El pf	10	95½	95½	95½	95½
110½	103½	6	W Pen P 6%	10	109	109	109	108⅞
10½	4¾	..	Wn Dairy B	300	8½	8¼	8¼	8½
19⅞	13¼	..	Wn Md	2500	18⅞	17½	18	18¼
14⅞	10	..	Wn Pac	100	13	13	13	..
31⅞	26	..	Wn Pac pf	100	30	30	30	..
36⅛	33	2	Westg A B	100	35	35	35	35
107⅞	82⅞	5	Westg Elec	30800	104⅞	102⅛	103¼	104⅛
119½	103⅞	5	Westg El pf	20	118	118	118	119½
28	19⅞	2	Westvaco	100	27⅞	27⅞	27⅞	..
2⅞	1	..	Wextark Rad	1900	1⅞	1¼	1¼	1¼
3⅞	2½	..	Whi Sew M	100	3⅞	3⅞	3⅞	3⅞
7¼	6⅛	..	Wilcox Oil	100	6⅞	6⅞	6⅞	6⅞
27⅞	20	2.50	Wilcox R A	200	26	26	26	26½
6	4⅞	..	Willys-Over	400	5⅞	5½	5½	5⅞
3⅞	2⅛	..	Wilson	300	3¼	3¼	3¼	..
65	54⅞	2.40	Woolworth	4300	63⅞	62⅞	62⅞	63⅞
106⅞	59⅞	..	Wor Pump	6700	99	96½	98⅞	98¾
27	11½	..	Wright	20	27	27	27	26¼
79¾	66¾	4	Wrigley	5500	79½	78	78	79½
			—Y—					
30	25	2	Yale & T	100	28	28	28	27½
14½	9⅞	..	Yel Truck	4300	13½	13	13⅛	13¼
78	73	5	Youngstown	100	78	78	78	..
29	22⅞	3	Young S&W	400	26½	26½	26½	27¼
			—Z—					
5¼	2	..	Zenith Radio	200	5	4⅞	5	4⅞

*Ex-dividend. †Ex-rights. ‡Ex-stock dividend. §Exclusive of stock dividend. ¶Exclusive of extras. aPayable in stock. bPayable in cash or stock. cPayable in script. dPaid in 1930. eLast payment.

New York Curb Market

By the Associated Press

INDUSTRIALS

Sales (in hundreds)	High	Low	Last
1 Aero Underwrit	8⅛	8⅛	8⅛
8 Affil Prod	19	18⅝	18⅝
1 Air Invest vtc	1⅞	1⅞	1⅞
†150 Alum Co Am	164½	160½	164½
1 Alum Ltd	80	80	80
3 Am Cit P&LB	9⅞	9¾	9⅞
28 Am Com Pow A	16¼	15½	16¼
17 Am Cyan B	11¾	11½	11¾
14 Am Equities	7⅛	6¾	7
49 Am & Fgn Pow war	26½	24¾	25½
18 Am Founders	5¼	4¾	5¼
51 Am Gas & El	82½	80¾	80⅞
5 Am Invest war	2⅝	2½	2⅝
†100 Am Laundry Mach	39	38⅜	38⅞
29 Am Lt & Trac	54⅛	52¼	54½
3 Am Maracaibo	⅞	⅞	⅞
1 Am Nat Gas	5¼	5¼	5¼
259 Am Sup Power	17½	16⅞	16⅞
4 Am Ut & Gen B vtc	4	4	4
1 Anch Post Fence	5	5	5
2 Anglo Chi C Nit	13	13	13
79 Appalach Gas	7¾	7⅜	7¾
4 Ark Nat Gas	6⅛	6⅛	6⅛
9 Ark Nat Gas A	6⅛	6	6⅛
†10 Ark Pow & Lt pf (7)	106½	106½	106½
†10 Asso Gas&El pf	89	89	89
†125 Asso G&E ctfs	92	90	92
44 Asso G&E A	23⅛	22⅜	22¾
19 Asso G&E war	¾	¾	¾
1 Asso Rayan	3	3	3
5 Atl Cst Fish	7¾	7	7¾
1 Atlas Ply	12	12	12
6 Atlas Util	6	5⅞	6
2 Autom Vot Mach	7	7	7
5 Aut V M cv pr pt	16	16	16
B			
5 Bickford	18⅛	18⅛	18⅛
1 Bliss E W	15⅝	15⅝	15⅝
17 Blue Ridge	6⅝	6	6⅛
1 Blu eRidge cvt pf	38	38	38
5 Bourjois	10⅛	10⅛	10⅛
16 Braz Tr & Lt	26⅝	26	26¼
C			
3 Cable & Wire A	1	1	1
8 Can Marc Wireless	4	3¾	4
30 Carib Syn	1⅞	1⅝	1⅞
1 Carnation Co	25	25	25
1 Cent Hud G&E vtc	20	20	20
6 Cent Pub Srv A	18⅛	18	18⅛
37 Cent States El	12	11⅞	11⅞
1 Chain Str St	11⅛	11⅛	11⅛
1 Chath Ph Al nv	16⅝	16⅝	16⅝
71 Cities Service	19½	19¼	19½
3 Cities Serv pf	83⅞	83⅝	83⅝
1 Claude Neon Lts	9⅝	9⅝	9⅝
1 Cleve Elec Ill	51	51	51
3 Colum Oil & G vtc	6½	6½	6½
†10 Comwlth Edison	251	251	251
53 Comwlth & So war	2⅝	2¼	2¼
17 Commun Wat Serv	11¼	11	11¼
4 Comstock Tun	⅝	⅝	¾
3 Cons Cop Min	3½	3	3
5 Cons Laundries	14⅝	14½	14½
2 Cont Chic Corp	9½	9⅛	9⅛
1 Cont Shares cvt pf	43½	43½	43½
†75 Cont Shares pf B	44⅛	44	44
1 Cooper Bess	19½	19½	19½
3 Copeland A	5½	5½	5½
69 Cord Corp	11⅛	10⅝	10⅞
4 Corron & Rey	6	5½	6
2 Creole Pet	3½	3½	3½
2 Cresson Gold	½	½	½
1 Crocker & Wheel	12½	12½	12½
70 Curtiss Wright war	¾	⅝	¾
1 Cusi Mex Min	1-16	1-16	1-16
D			
9 Dayton Airpl	1⅝	1⅝	1⅝
10 Deere & Co	40¼	39	40
142 De Forest	6⅝	5¾	6⅝
9 Detroit Aircraft	3¼	3⅛	3⅛
4 Douglas Airc	19⅛	18¾	18¾
1 Dresser Mrg A	39⅝	39⅝	39⅝
2 Dresser Mfg B	27¼	26	26
2 Duquesne Gas	6	6	6
31 Durant Mot	2¼	2	2¼
E			
19 East States Pow B	18⅞	18	18½
2 Eisler Elec	4⅛	4	4
514 El Bond & Sh	58⅛	55⅝	57⅝
1 El Bond & Sh pf	106⅞	106⅞	106⅞
2 El Pow Assoc A	20¾	20½	20¾
3 El P&L opt war	35½	34	35½
1 Electric Share	16	16	16
1 Emp Steel	2¼	2¼	2¼
5 Europe El deb rts	2	2	2
35 Evans Wallo Lead	2⅞	2¼	2¼
F			
8 Falcon Lead	⅛	⅛	⅛
8 Fiat deb rts	⅛	⅛	⅛
14 Ford Mot Cana A	27¼	26⅝	26⅝
22 Ford Mot Ltd	17¾	17⅝	17⅝
3 Fox Theatre A	5⅞	5⅜	5½
G			
39 Gen Alloys	9½	8¾	9⅛
7 Gen Aviation Corp	11¼	11	11
5 Gen Bak	⅝	⅝	⅝
2 Gen Bak cod	½	½	½
8 Gen Bak N Y	17⅞	17¾	17¾
†50 Gen Gas&El cv pf B	67⅞	67⅞	67⅞
12 Gen Thea Eq cv pf	28⅞	28½	28¾
2 Glean Comb Harv	3½	3½	3½
13 Glen Alden Coal	50⅛	50	50
2 Gold Coin	⅝	½	⅝
5 Gold Seal Elec	1⅜	1⅜	1⅜
4 Golden Center Min	1¼	1¼	1¼
53 Goldman Sachs	9⅞	9½	9⅝
1 Gramaphone rcts	10⅝	10⅝	10⅝
†6 Gt Atl & Pac nv	215	215	215
1 Grief (L) & Bros	10	10	10
8 Gulf Oil Corp Pa	68⅝	68	68
H			
2 Hecla Min	7	6¾	6¾
†25 Heywd Wakefield 1st pf	70	70	70
2 Hudson Bay M & S	5⅛	5⅛	5⅛
2 Humble Oil	63⅛	63	63
5 Hygrade Food	3⅝	3⅝	3⅝
I			
2 Ill Pow & Lt 1½ pf	92½	92½	92½
1 Imp Oil Can	17½	17½	17½
6 Indust Fin ctf	10¼	10	10¼
1 Insurance Sec	9	9	9
4 Intercoast Trade	8	8	8
24 Intercon Petrol	½	½	½
5 Internat Pet	14⅝	14⅝	14⅝
16 Inter Util B	10¼	10	10
1 Inters Eq cv pf	33	33	33
K			
†50 Kopper G&C pf (6)	100	100	100
L			
1 Leonard Oil	1	1	1
10 Loew's war	1⅝	1¼	1¼
2 Loews deb rts	19	18	18
6 Lone Star Gas (1a)	24⅞	24¼	24¼
M			
1 MacMarr St (1)	9⅞	9⅞	9⅞
1 Mapes Cons (3¼g)	39	39	39
13 Mavis Bott	1	1⅛	1
5 Metal G Min	1⅜	1⅜	1⅜
1 Micigan Gas @ Oil	6⅛	6⅛	6⅛
2 Mid St Pet B vtc	1⅝	1⅝	1⅝
5 Mid West Util	24⅝	24	24
37 Mo Kans Pipe L	8⅛	7⅞	8⅛
50 †Mohawk Hud 1 pf	104	104	104
N			
1 Nat Fam Stores	4	4	4
6 Nat Investors	7⅝	6⅞	6⅞
2 New Jer Zinc	48⅛	48⅛	48⅛
3 Newmont Min	56⅞	55	55
39 Niag Hud Pow	13⅞	13⅝	13⅝
43 Niag Hud P A war	2⅝	2½	2½
2 Niag Hud P B war	7¼	7¼	7¼
1 Niag Sares Md	9⅛	9⅛	9⅛
1 Noma Elec	6¼	6¼	6¼
7 Noranda Mines	18	17⅝	17⅝
13 Nor Am Avia A war	1¾	1½	1¾
30 Nordon Corp Ltd	⅛	⅛	⅛
1 Nor Am Util Sec	3¾	3¾	3¾
3 Nor & Sou Am A	11	10½	11
22 Nor European Oil	1¼	1	1
6 North tSates P A	138⅞	136⅛	138⅞
O			
1 Ohio Cop	½	½	½
1 Oil Stocks A	4¼	4¼	4¼
†50 Okla G & E pf	106⅝	106⅝	106⅝
1 Outboard Mot B	3⅛	3⅛	3⅛
1 Ovington Bros pt pf	2	2	2
P			
2 Pac G & E 1 pf	27¼	27¼	27¼
1 Pandem Oil	⅛	⅛	⅛
9 Pennroad Corp	7⅝	7⅝	7⅝
2 Pa Wat & Pow	67	67	67
7 Phoenix Sec Corp	1⅞	1¾	1⅞
3 Pie Bak of Am A	35	35	35
1 Pied Hydro El Bd rts	⅜	⅜	⅜
26 Pilot Radio A	9½	9⅛	9½
1 Polymet Mfg	4¾	4¾	4¾
3 Premier Gold	¾	¾	¾
12 Prudential Invest	13¼	13	13
14 Pub Util Hold	7⅝	7½	7½
10 Pub Ut Hold war	1	1	1
†80 Pure Oil pf	81	81	81
1 Pyrene	7¼	7¼	7¼
†25 Quebec Pow	45	45	45
R			
3 Rainbow L Prod B	1¼	1⅛	1¼
3 Raytheon Mfg vtc	13¼	13	13¼
4 Reliance Manage	7	6⅞	7
1 Rockl L & P tr ctf	16⅝	16⅝	16⅝
3 Roosevelt Field	2⅛	2⅛	2⅛
26 Rossia Intl	4¼	3¾	4⅛
1 Royal Type	31⅞	31⅞	31⅞
1 Royalty Corp pf	1½	1½	1½
S			
14 St Anthony Gold	⅛	⅛	⅛
76 St Regis Paper	20	18⅝	19
1 Salt-Creek Cons	1¼	1¼	1¼
1 Saxet Co	9	9	9
2 Sec Corp Gen	29⅛	29⅛	29⅛
7 Segal Lock	5¼	5⅛	5¼
1 Selected Indust	4⅝	4⅝	4⅝
24 Sentry Saf Control	2⅛	2	2
12 Shenandoah	7⅞	7½	7½
7 Shenandoah pf	35⅞	35⅛	35⅞
1 Signature Hosiery Co	1½	1½	1½
†60 Smith A O	189⅞	185	185
1 South Cal Ed A pf	30⅛	30⅛	30⅛
1 South Penn Oil	19⅜	19⅜	19⅜
1 Southland Royalty	5⅜	5⅜	5⅜
3 Southwest Gas Ut	5	5	5
2 Stand Mot	1	1	1
67 Stand Oil Ind	34⅞	34	34
1 St Oil Ky	23⅛	23⅛	23⅛
1 Starrett Corp	10¼	10¼	10¼
2 Starrett p f	23	23	23
8 Strauss (Nathan)	9¼	9	9
2 Stutz Mot Am	24	24	24
†25 Sullivan Machine	22⅛	22⅛	22⅛
7 Sunray Oil	4½	4¼	4⅜
1 Swift & Co	30	30	30
1 Syrac Wash Mch B	6⅝	6⅝	6⅝
T			
1 Tampa El	59	59	59
4 Technicolor Inc	11¾	11¾	11¾
1 Teck Hugh Gold	6⅞	6⅞	6⅞
1 Transcont Air Tr	5½	5½	5½
24 Trans Lux D Pic A	8¾	8⅜	8⅝
15 Tri Cont Corp war	4	3⅝	4
37 Tubize Chat B	10½	8¾	9⅞
1 Tung-Sol Lamp	11¼	11¼	11¼
U			
6 Ungerleider Fin	29¾	29⅝	29¾
3 United Corp war	11¾	11½	11½
2 United Dry Dock	3¼	3¼	3¼
160 Unit Founders	9½	9	9½
93 United Gas	11½	11	11¼
4 United Gas pf	92¾	92	92
79 Un Lt & P A	33½	32⅛	32⅞
5 US ¾ Int Sec	2⅞	2⅛	2⅛
1 US & Overseas	18	18	18
3 US Dairy Prod B	14⅝	14⅛	14⅛
14 USE lec Pow	7⅞	7½	7⅞
2 U S Lines pf	5⅞	5⅞	5⅞
1 United Stores vtc	2¼	2¼	2¼
1 United Verde Ext	10¾	10¾	10¾
1 Utah Apex Mining	1⅛	1⅛	1⅛
8 Util Pow & Lt	14	13⅞	13¾
3 Utility & Indus	9¼	9⅛	9⅛
V			
5 Vacuum Oil	63⅞	63¼	63¼
2 Van Camp Packing	4⅞	4¾	4⅞
1 Vick Finance	6⅞	6⅞	6⅞
W			
2 Watson (J W) Co	1⅝	1⅝	1⅝
1 Wayne Pump	6½	6½	6½
1 West Auto Sup A	21⅝	21⅝	21⅝
2 Wil-Low Cafet	3⅞	3⅝	3⅞
9 Wil-Low Cafet pf	20⅛	17	19
4 Wilson Jones	22½	21½	22½
Y			
2 Y Oil & Gas	⅞	⅞	⅞

DOMESTIC BONDS (Sales in $1000)

Sales	High	Low	Last
1 Ala Pow 5s 68	103½	103½	103½
1 Ala Pow 4½s 67	98½	98½	98½
8 Alum Co 5s 52	104¼	104¼	104¼
15 Am Cmwlth Pw 6s 40	78⅞	77½	77½
17 Am G & E 5s 2028	98⅞	98¾	98¾
1 Am Roll M 5s 48	96⅞	96⅞	96⅞
5 Am Roll M 4½s 33	96⅞	96⅞	96⅞
24 Appalach Gas 6s 45	87	86¼	87
13 Appal Gas 6s 45 B	72	71½	72
6 Appalach Pw 5s 56	101½	101½	101½
6 Ark Pow&Lgt 5s 56	97½	97⅜	97½
7 Asso Elec 4½s 53	90	89⅞	90
8 Asso G&E 5½s 38 inv	73⅞	72	72
42 Asso G&E 5s 50	80½	79⅞	80
1 Asso G&E 5½s 77	91⅞	91⅞	91⅞
74 Asso G&E 5s 68	80¼	79⅞	80
7 Asso ardwre 6½s 33	45	45	45
11 Asso G&E 4½s 49 C	69¼	68⅞	69¼
4 Asso T Util 5½s 44C	89⅞	89⅛	89¼
15 Baldwin Loco 5½s 33	101⅜	101⅜	101⅜
2 Bell Tel Can 5s 57B	104⅜	104⅜	104⅜
10 Bell Tel Can 5s 60C	104⅜	104½	104⅜
1 Bost & Me 6s m 33	102½	102½	102½
6 Can Nat Ry 4½s 56	99¼	99	99¼
23 Cent St El 5½s 34	72	71¾	72
6 Cent St El 5s 48	66	65¾	66
2 Cent St P&L 5½s 53	81	81	81
1 Cent P&L 5s 56	94	94	94
6 Chic Dist El 5½s 35 B	100½	100½	100½
6 Cities Ser 5s 66	74⅞	74¾	74¾
46 Cities Ser 5s 50	79⅞	79⅛	79½
5 Cities Ser G Pipe 6s 43	87	87	87
3 Cities Ser Pow 5½s 52	83¼	83	83¼
2 Cleve El Illum 7s 41	106⅞	106⅞	106⅞
2 Col G & E 5s 61	97⅞	97½	97⅞
4 Comwlth Ed 4½s 57 D	102½	102	102
4 C Gas Ut 6½s A 43 ww	75	74	74¼
2 Cons Gas Ut 6s A 43	78⅛	77	77
3 Consum Pow 4½s 58	101½	101¼	101½
14 Cont Gas & El 5s 58 A	84½	84	84½
1 Cont Oil 5½s 37	93½	93½	93½
2 Crane Co 5s 40	101⅛	101⅛	101⅛
2 Crucible Steel 5s 40	100	100	100
4 Cudahy P 5½s 37	99⅞	99⅞	99⅞
74 East Util Inv 5s '54 A	62⅞	59	62½
6 Elec P&Lt 5s 2030	87⅞	87	87
1 Fed Water 5½s '54	87¾	87¾	87¾
6 Firestone Tire 5s '42	86½	86	86
17 Fla P&Lt 5s '54	87½	87¼	87¼
4 Gatineau Pow 5s '56	94¼	94	94
1 Gatineau Pow 6s '41	93¾	93¾	93¾
13 Gen Bronze 6s '40	60	60	60
11 Geo Pow 5s '67	100⅞	100⅞	100⅞
17 Gillette 5s '40	88	87½	88
8 Gobel (A) 6½s '35 A	75⅞	75	75
5 Ground Gripper 6s '44	25	25	25
6 Gulf St Ut 5s '56 A	99⅞	99⅞	99⅞
3 Hood Rub 7s '36	[illegible]	[illegible]	[illegible]
1 Hood Rub 5½s '36	69⅛	69⅛	69⅛
1 Ill P&L 5½s '54 B	102⅜	102⅜	102⅜
13 Inanpls P&L 5s '57 A	102	101¾	101⅞
2 Insull Util I 6s '40 B	91⅞	91¼	91⅞
6 Int Match 5s '41	96¼	96	96
5 Interl P S 7s '57 E	97⅜	97⅜	97⅜
1 Inters Pow 5s '57	82⅝	82⅝	82⅝
5 Iowa-Neb L&P 5s '57	94½	94½	94½
1 Iowa P&L 4½s A '58	94	94	94
8 Jer Cen P&L 5s '47 B	101½	101⅜	101⅜
5 Kop G & C 5½s '50	103	103	103
5 Kop G&C 5s '47	100⅛	100	100
5 Kresge 5s '45	100	100	100
1 Laclede Gas 5½s '35	99⅞	99⅞	99⅞
5 Lehi C&N 4½s 54 C	99⅞	99⅞	99⅞
5 Lehi PS 6s 2026 A	102⅞	102½	102⅝
1 Lib McN & L 5s '42	93½	93½	93½
5 Lone Star G 5s '42	99¼	99¼	99¼
11 Mass Gas 5½s '46	104⅝	103¾	104⅝
18 Mass Gas 5s '55	100	100	100
1 Memph P&L 5s '48	102¾	102¾	102¾
1 Mid W Util 5s '32	100½	100½	100½
1 Mid W Util 5s '33	98	97⅞	98
1 Mid W Util 5s '34	96⅜	96⅜	96⅜
1 Milw E R&L 5s '71	101	101	101
4 Miss P&L Co 5s '57	96⅛	96⅛	96⅛
2 Mont LH&P 5s '70	104⅝	104⅝	104⅝
1 Nathan Strauss 6s '38	65	65	65
5 Nat P&L 6s 2026 A	105¼	104⅞	105¼
3 Nat P&L 5s 2030 B	90	89¼	89¼
13 Nat Pub Ser 5s '78	73½	73⅛	73½
41 N E G&E 5s '50	89⅞	89	89⅞
1 NE G&E 5s '48	90⅞	90⅞	90⅞
4 Nev Cal El 5s '56	92	91⅞	92
21 NE Gas&E 5s 47	90⅞	90	90¼
2 NY For 5½s '48 ww	89	89	89
29 NY P&L 4½s '67	96⅞	96½	96⅞
3 Niag Falls P 6s '50	106	106	106
6 Nor Ind P S 5s '66 C	103⅛	102¾	102¾
12 Nor In P S 4½s '70 E	93⅝	93⅛	93⅝
6 Nor Ind P S 5s '69	102⅝	102½	102½
3 Nor O P&L 5½s '51	102¾	102⅞	102⅞
1 Nor O Tr&T 5s '56	97⅛	97⅛	97⅛
8 Nor State P 5½s '40	100⅝	100⅝	100⅝
1 Nor St P 5½s '50 B	103⅞	103⅞	103⅞
4 Nor Tex Ut 7s '35 xw	98	98	98
5 Ohio Edison 5s '60	101⅜	101⅜	101⅜
4 Ohio Pow 5s '52 B	102¼	102¼	102¼
8 Ohio Pow 4½s '56 D	97⅞	97½	97⅞
1 Oklahoma G&E 5s '50	101¾	101¾	101¾
8 Pac G&El 4½s 57 E	98	98	98
66 Pac G&E 4½s 60F	98	97⅞	98
5 Pac G&E 5s 52C	106¼	106⅛	106¼
1 Pac P&L 5s 55	97½	97½	97½
1 Penn C P&L 4½s 77	93¾	93¾	93¾
3 Penn Oh Ed 5½s 59B	99	99	99
2 Penn OP&Lt 5½s 54A	103½	103½	103½
14 Pere M 4½sC 80 new	99¾	99¾	99¾
2 Phila B&W 4½sC 77	102⅜	102⅜	102⅜
6 Penn Sel Cps 5sC 60	100⅝	100½	100½
3 Peo Lt&P 5s 79 ww	70½	70½	70½
4 Pied Nor Ry 5sA 54	91½	91½	91½
8 Pitts Steel 6s 48	99	99	99
1 Proc & Gam 4⅞s 47	102¼	102¼	102¼
6 Pub S N Ill 4½s 80E	96	95¾	96
7 Pug Sd P&L 5½s 49	100¼	100	100
2 Pug SoP&L 5s 50 C	97	97	97
3 Reliance M 5s 54 A	81	81	81
23 Roch Cent Pow 5s 53	74¾	74	74½
1 St L G & Coke 6s 47	47	47	47
1 San Ant Pb S 5s 58B	98	98	98
9 Saxet Corp 6s 45 A	81¾	80½	81½
3 Shaw W&P 4½s '67 A	95⅝	95⅝	95⅝
1 Shaw W&P 4½s '68 B	95¾	95¾	95¾
15 Shaw W&P 4½s '70 D	95⅞	95½	95½
2 Shawsheen 7s '31	101¾	101¾	101¾
10 Snider P 6s '32	45½	45	45
6 SEP&L 6s 2025 A xw	103	102⅝	102⅝
1 South Cal Ed 5s '51	104⅜	104⅜	104⅜
10 South Cal Gas 5s '37	94	93	93¾
9 South Nat Gas 6s '44	82½	82½	82½
1 So Nat Gas 6s '44 xp	73	73	73
4 South Lt & P 5s '57 A	94	94½	94½
5 So'west N G 6s '45	70½	70½	70½
3 Stand G&E 6s 35	100¼	100¼	100¼
17 Stand G&E 6s '51	98⅞	98¼	98⅞
3 Stand G&E 6s '66	98½	98½	98½
4 Stand P & Lt 6s '57	96⅞	96⅞	96⅞
2 Swift & Co 5s '40	101¼	101¼	101¼
1 Swift & Co 5s '44	103	103	103
12 Tenn E P 5s '56 nw	101¼	101	101
5 Tenn Pub S 5s '70	96½	96½	96½
10 Tex El S 5s '60	97⅜	97⅜	97⅜
5 Tex Gas U 6s '45	79	79	79
3 Tex P&Lt 6s A 2022	107	107	107
21 Tex P&Lt 5s '56	101	100¼	101
2 Thermoid 6s '34	76	75⅞	76
4 Tri Util 5s 79	62⅞	62	62¼
3 Union Gulf Cp 5s 50	102¼	102¼	102¼
1 Un Lt&P 6s 75	93⅞	93⅞	93⅞
6 Un Lt&P 5½s 59	97	96⅝	97
7 Un Lgt&Ry 5½s 52	88	87½	88
1 Un Lgt&Ry 6s 52 A	101¾	101¾	101¾
2 U S Rub 6½s 32	96½	96½	96½
2 U S Rub 6s 33	86	86	86
2 Un Lgt&Ry 5s 32	100¾	100¾	100¾
21 Utah P&L 4½s 44	96	95⅞	96
1 U S Rub 6½s 36	69⅞	69⅞	69⅞
5 Van Sweringen 6s 35	82¼	81¾	81¾
1 Virg El P 5s 55 A	103¼	103¼	103¼
1 West News Del 6s 44	63	63	63

FOREIGN BONDS

Sales	High	Low	Last
1 Baden Con Mun 7s '51	82¼	82¼	82¼
6 Buen Aires Pr 7½s '47	88½	88⅜	88⅜
1 Buen Aires Pr 7s '52	83	83	83
55 Canada 4s '60	93⅝	93¼	93⅝
2 Cent Bk Ger 6s '52 A	77	77	77
2 Cuban Tel 7½s '41 A	105¼	104¾	105¼
1 Danish Con 5½s '55	101½	101½	101½
2 Euro El 6½s '65 xw	78	78	78
4 Ger Cons M 6s 47	75	74¾	75
1 Gesfuerel 6s '53	82½	82½	82½
1 Hamburg El 5½s '38	83⅞	83⅞	83⅞
13 Hamburg El 7s '35	99	98¾	99
8 Hung It Bk 7½s '63 AC	83⅛	83	83
5 Isarco Hyd E 7s '52	85½	84½	85½
8 It Sup P 6s '63 A xw	71⅝	70⅝	71
14 Nippin El Pw 6½s '53	91⅞	91⅝	91⅞
3 Ruhr Chem 6s '48 A	74	73¾	74
4 Ruhr Gas 6½s '53 A	77¾	77⅞	77¾
9 Russ 6½s ctf NC 19	2½	2½	2½
2 Santa Fe Arg 7s '45	76	76	76
10 Santiago Chile 7s '49	81	80	80
3 Santiago Chile 7s '61	78¾	78¾	78¾
35 Saxon Pub Wks 5s '32	94	93⅞	94
2 Stinnes 7s '36 xw	82	82	82
1 Stinnes 7s '46 xw	71	71	71
2 Terni Elec 6½s '53	79⅛	79⅛	79⅛
2 Tietz 7½s '46 xw	92½	92½	92½
2 Unit Elec Serv 7s '56	90⅞	90⅞	90⅞
1 Un Indust 6½s '41	79¾	79¾	79¾

Total stock sales today, 321,300.
Total stock sales year ago, 591,200.
Total bond sales today, 2,097,000.
Total bond sales year ago, $1,404,000.

†Actual sales. a—Plus extra. b—Plus 10% in stock. e—Paid last year. f—Payable in stock. g—Partly extra. h—Plus 5% in stock. k—Paid so far this year. j—Partly stock. r—Cash or stock. wi—When issued. ww—With warrants. xw—Without warrants.

CHICAGO BOARD

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Close	NetChg
Wheat					
March	.79	.79	.79⅛	.79	.79
May	.81⅝	.81⅝	.81⅝	.81½	.81½
July	.65	.65	.65	.63¾	.64⅝
Corn					
March	.60¼	.60¼	.60¾	.59⅝	.55¾
May	.63	.63	.63⅜	.62¾	.63¼
Oats					
March	.30⅝	.30⅝	.30⅝	.29⅞	.30
May	.32⅛	.32⅛	.32⅜	.31⅝	.32⅛
Lard					
March	8.40	8.40	8.40	8.35	8.40
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



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WORLD REVIEW OF BUSINESS AND FINANCE

Bright Spots in Trade Picture Increasing—Stocks Continue Advance

The most notable change in the business picture has been the increase in its bright spots and a corresponding decrease in its doubtful hues.

Business in the United States evidently is making very gradual progress, though the New York stock market, if regarded as a barometer, is forecasting a quickened pace of improvement. Perhaps the greatest influence on sentiment the last few weeks has been the turn-about in stock prices, and the vigor with which the upward movement has been sustained.

There have been definite signs of business gain in the textile and building industries in the last week or two. Consumption of cotton cloth has exceeded production by a wide margin, and unfilled orders in the hands of manufacturers are calling for substantially increased operations in textile plants.

The leather trade also has experienced an improvement in business, and a fairly heavy volume of wool is moving into the hands of consumers.

The steel industry continues its one-per-cent-a-week march toward recovery. Latest reports place operating rates at 52 per cent of capacity. A conspicuous buyer of steel is the automobile industry.

Electrical Equipment Gains

Electrical equipment demand is reflecting a widespread though very moderate improvement in general industrial conditions. From New England to the Pacific coast there has been more buying of electrical equipment, with promise of further gains.

Carloadings show little change from a week ago. Bank clearings are lower compared with last week, due in part to the occurrence of a holiday this week.

With investment bankers inclined to await the announcement of mid-March financing plans of the United States Treasury, bond offerings this week declined sharply. The total was $23,036,000, compared with $37,518,000 last week and $62,981,000 for the corresponding period last year.

European Reports Encouraging

Employment reports from Europe show that in some trades at least the low point has been passed and that there has been a slight gain in the number employed in these trades. Generally, it is felt, unemployment figures are close to the turning point.

Commodity markets are displaying a decidedly better tone. Prices are stronger, and the volume of goods moving is larger.

Textiles are in better demand, as in the United States.

Reports from the metal markets are mixed. Nonferrous metals show some improvement but steel continues on the list of uncertainties.

Raw cotton and wool markets in Great Britain have advanced. Industrial sentiment is somewhat better due to the success of the British Industries Fair. A number of other commodities also have reflected improved demand.

Leading Stock Markets

The advance of the New York stock market continued this week, though with less regularity. A considerable setback occurred about midweek, and selling again came to the front in Friday's session. The period as a whole, however, was one of further progress on the up side. Many new high prices for the year were recorded. Brokers' loans increased again this week, the gain being $26,000,000.

The length of time over which call loans have remained at 1½ per cent has come to attention this week. It is pointed out that perhaps never before in history have these loans been so cheap for such a long period. The 1½ per cent rate has held practically through two months.

A decided improvement in the tone of the stock market at London was evident this week. The period began strong, despite dullness on the Paris Bourse and a holiday in Wall Street. International issues were in good demand. Credit was rather tight until Friday.

The market at Paris began the week quietly, with prices trending downward. This tendency was reversed about midweek, however, and the tone of the market afterward was fairly steady.

Trading on the Berlin Boerse resulted in irregular price movements. Gains were registered early in the week, but were followed by selling. Considerable improvement in sentiment was reflected as the period drew to a close.

BOSTON STOCKS

Closing Prices

Sales		High	Low	Last Feb. 28	Last Feb. 27
30	Am Found	5	5	5	5
100	Am Pneu	3	3	3	3
173	Am T&T	198¼	197¾	198¼	199
200	Amoskeag	8½	8	8	8½
20	Amoskeag pf	62⅝	62⅝	62⅝	..
5	Ariz Com	4½	4½	4½	..
10	Big Sanf pf	85	85	85	..
35	Bos El	71¼	71	71	71
5	Bos El 1 pf	101	101	101	101
67	Bos & Alb	179½	179½	179½	..
81	B&M pr pf	107½	107½	107½	107½
5	Cal & Hec	10⅝	10⅝	10⅝	10⅜
50	Con Sec	23	23	23	..
25	E G&Fuel	22	22	22	22½
8	E G&F pr	93	93	93	93¼
15	E G&F prpf	80½	80½	80½	80
10	E Mass pf	8	8	8	8
15	Edison Elec	259	259	259	260
580	Em Asso	20	19	19	19½
40	First Nat St	52⅝	52⅝	52⅝	52⅝
6	Gen Alloy	9	9	9	9
130	Gen Capital	37½	37	37½	37¾
5	Isle Royale	6	6	6	6¼
17	Loew's The	8¼	8¼	8¼	..
10	Me Cent	62	62	62	60
37	Mass Util	4⅞	4¾	4⅞	4⅞
10	Nash	36⅞	36⅞	36⅞	37
400	Nat Ser	3¼	3	3⅛	3¼
15	NA Avia	9¾	9	9	9⅝
2700	No Butte	3	2¾	3	2⅞
55	Norw Worc	141½	140½	140½	140
100	Old Domin	3⅝	3⅝	3⅝	3¾
100	Pac Mills	23	23	23	23½
885	Quincy Min	10	9¼	10	9¾
15	Reece But	15½	15½	15½	..
100	Reece Fold	1⅝	1⅝	1⅝	..
345	Shawmut	15½	14¾	15½	15
50	Spencer Trask	27¾	27¾	27¾	..
65	Stone Web	46⅞	46½	46½	47½
42	Sull Mach	21	20	21	19
46	Swift & Co	30¼	30	30	30¼
5	Torrington	46	46	46	..
105	Uni Found	9¼	9	9¼	9
25	Uni Shoe	56⅝	56⅝	56⅝	56
223	Uni Gas	11¼	10¾	10¾	11¾
200	Utah Apex	1⅛	1⅛	1⅛	1⅛
900	Utah Met	.57	.55	.57	.58
150	Util Hyd	4½	4	4½	4½
770	War Bros	44⅞	42⅞	44½	44⅞
	BONDS				
$3000	E Mass 4½s	27½	27½	27½	..

LONDON MONEY MARKET

LONDON, Feb. 28 (AP)—Money today was 1⅝ per cent. Discount rates on short bills were 2 11-16@2¾ per cent; three months 2 11-16 per cent.

New York Bond Market

Closing Prices

	High	Low
Alleghany Corp 5s '44	86⅝	86¼
Alleghany Corp 5s '49	84¼	83⅝
Alleghany Corp 5s rct	83	83
Allis Chalmers deb 5s '37	102⅝	102⅝
Amer Foreign Power 5s	84⅛	84
Amer Inter 5½s cv '49	94⅛	93⅞
Amer Nat Gas 6½s '43	31⅛	31
Amer Smelting 5s '47	103	102⅞
Amer T&T col 5s '46	106¼	106¼
Amer T&T sf 5s '60	106⅞	106¾
Amer T&T 5s '65	106⅞	106⅝
Amer WW & Elec deb 6s '75	106	106
Amer Writing Paper 6s '47	70	70
Armour & Co 5½s '43	75½	75½
Associated Oil 6s '35	103	103
Atch T&SF gen 4s '95	98⅝	98⅝
Balt & Ohio 4s PLEWV div '41	97¾	97¾
Balt & Ohio 4½s '33	101⅝	101⅝
Balt & Ohio 4½s cv	97⅛	97⅛
Balt & Ohio rfg 5s '95	103⅝	103⅝
Balt & Ohio rfg 6s '95	107⅛	107⅛
Bell Tel of Pa rfg 5s '48 B	108⅝	108⅝
Beth Steel pur mon 5s '36	102¾	102¾
Boston & Maine 5s '55	102¼	102¼
Boston & Maine 5s '67	102½	102½
Bklyn-Man Tr sf 6s '68	101⅝	101¼
Buff Gen Elec 4½s	101⅞	101⅞
Camaguey Sugar 1st 7s '42	30	30
Can Nat Ry 4½s '57	99⅝	99⅝
Can Nat Ry 4½s '68	99½	99½
Can Nat Ry 5s July	105½	105½
Can Pacific 5s '54	103½	103½
Can SS Ltd 6s '42	70¼	70¼
Cen Pacific 1st 4s '49	96⅝	96⅝
Cen Pacific 5s '60	104⅞	104⅝
Certainteed 5½s rcts '48	35½	35½
Ches & Ohio cv 4½s A	101½	101½
Chicago & Alton Ry 3½s '50	71⅞	71⅞
Chicago & East Ill 5s '51	46	46
Chicago Gt West 4s '59	69	69
Chicago M StP&Pac adj 2000	30	30
Chicago & &Nw 4½s 2037	92¾	92¾
Chicago & Nw gen 5s '87	108¾	108¾
Chicago Railway 5s	67	67
Chicago RI&P 4½s cv	89¾	89¾
Chicago Un Sta 4½s A '63	103⅝	103⅝
Chicago Un Sta 6½s C '63	115½	115½
Chicago & W Indiana 4s '52	90	90
Chicago & W Indiana 5½s '62	105¼	105¼
Childs Co 5s	82⅞	82⅞
Chile Copper 5s '47	95	94¾
Clev CC&StL deb 4½s '31	100½	100
Clev Un Term 5s '73	106⅝	106⅝
Clev Un Term 5½s '72	109¾	109¾
Colo Industrial 5s '34	94⅞	94⅞
Columbia Gas & E 5s '52 Apr	99¼	99¼
Columbia Gas & E 5s '52 May	98¼	98½
Com As Antilla 7½s '39	16¼	16¼
Com Credit Co 5½s '35	96	96
Com Inv Trust 5½s '49	98½	98½
Con Gas Co 5½s '45	106⅛	106⅛
Crown Zellerbach 6s ww	75	75
Cuba Nor Ry 5½s '42 rcts	45	45
Cuban-Am Sug Col 8s '31	97⅞	97⅞
Cuyamel Fruit 6s '40	104¼	103¾
Den Gas & Eelc 5s '51	102¼	102¼
Den & Rio G 4½s '36	99½	99½
Den & Rio G Wn 5s '55	81½	81½
Detroit Ed 4½s wi	101½	101½
Detroit Ed col 5s '33	102½	102½
Detroit Ed 5s '49	105½	105½
Dodge Bros sf 6s '40	89	89
Duquesne P & L 4½s '67	103¾	103½
Erie RR 5s '67	83	83
Erie RR gen lien	75¼	75¼
Erie RR gen '75s	81	80¾
Fed Metal 7s '34	95	95
Fla East Coast 5s '74	29	27¾
Gen Mot Acc Corp 6s '37	103¼	103¼
Gen Pub Svc 5½s '39	94½	94½
Gen Theater Equip 6s	69½	69
Goodrich 6s '45	69	69
Goodrich 1st 6½s '47	99⅝	99⅜
Goodyear Tire 5s '57	90½	90
Grand Tk Ry Can 6s '36	107⅞	107⅞
Grand Tk Ry Can 7s '04	112	112
Great Northern 7s '36 A	111¾	111¾
Houston Oil 5½s	94	93½
Hudson Coal 5s '62	61	61
Hudson & Man adj in 5s '57	78¾	78¾
Ill Bell Tel rfg 5s '56	105¾	105¾
Ill Central 4¾s '66	96¾	96¾
Inland Steel 4½s A '78	96⅛	96⅛
Inter Match Corp 5s rcts '47	91¾	91¾
Inter Rap Tran rfg 5s '66	70	70
Inter Rap Tran 5s sta '66	72	70½
Inter Rap Trans 6s '32	56	55½
Inter Rap Trans 7s '32	91	91
Int Cement Corp 5s '48	100	99½
Int & G Nor 6s '62	89	89
Int & G Nor adj 6s '52	54	54
Int Paper rfg 5s A '47	75	75
Int Tel & Tel 4½s '52	81½	81½
Int Tel & Tel 4½s cv '39	93¾	93
Int Tel & Tel 5s	84½	84½
Kan City Pow & Lt 4½s	101⅞	101⅞
Kan City So 1st 3s '50	79	79
Kan Gas & Elec 4½s '80	94⅞	94⅞
Kresge Foundation 6s '36	102¼	102¼
L'Autaro 6s '54	63	60
Lehigh Val con 4s 2003	88¼	88¼
Loew's Inc 6s '41 ex-war	99⅝	99¼
L&N rfg 4½s C 2003	101	101
Midvale Steel col 5s '36	102⅛	102⅛
Mo K & T 4½s '78	96½	96½
Mo K & T pl 5s A '62	102¾	102¾
Mo Pacific rfg 5s A '65	96¾	96
Mo Pacific 5s F '77	94⅝	94¼
Mo Pacific 5s H '80	94¼	94¼
Mobile & O 5s '47	81	81
Montana Power 5s A '62	101¼	101¼
Nat Dairy Prod 5¼s '48	101⅛	101½
Nat Radiator 6½s '47	18⅛	18
NYC&HR deb 4s '34	100⅞	100⅞
NY Chi & StL 4½s '78	92	91⅞
NY Chi & StL 5½s '74	106¼	106
NY Chi & StL 6s A '31	101⅞	101⅞
NY GELH&P pur m 4s '49	98⅝	98⅝
NY NH&H cv 6s '48	118¼	118¼
NY & Rich Gas 6s '52	106¼	106¼
NY Tel deb 6s '49	111½	111½
NY W'chester & B 4½s '46	86	86
Nor Am Cement 6½s '40	46½	46½
Nor Am Ed 5s C '69	99¼	99¼
Nor Am Ed 5½s '63	102¾	102⅝
Nor States Pow 5s A '41	103	103
Nor States Pow 6s B '41	106⅛	106⅛
Ogden & L Cham 4s '48	76	75½
Otis Steel 6s '41	98¾	98¾
Pac Tel & Tel 1st 5s '37	104¼	104¼
Paramount Public 5½s '50	87	87
Paramount Bwy 5½s '51	104½	104½
Paramount Fam Las 6s '47	96¾	96¼
Pathe Ex inc 7s '37	71	70
Penn O & D RR 4½s A '77	100	100
Penn Railroad 4½s D '70	97⅞	97⅞
Penn Railroad 4¾s '63	102	102
Penn Railroad 5s '64	105	104¾
Penn Railroad gold 6½s '36	110	109⅞
Pere Marquette 4s '56	95¼	95¼
Pere Marquette 5s '56	104½	104½
Philadelphia Co 5s '67	101¼	101¼
Phil & Read C&I 5s '73	80¼	80¼
Pitts CC&StL 4½s '77	101½	101⅜
Pitts CC&StL 5s A '70	109¾	109¾
Port Gen Elec 4½s	88	88
Postal Tel & Cable 5s '53	74¾	74¾
Ppb Svc E&G 4½s 67	103⅜	103
Ppre Oil 5½s '40	92½	92½
Purity Baking 5s '48	96½	96½
Read rfg 4½s A '97	102	102
Remington Arms sf 6s '37	92¼	92¼
Remington Rand 5½s '47 ww	88⅝	88⅜
Richfield Oil Co of Cal 6s '44	64	64
Rock I Ar&Lou 4½s '34	100⅜	100⅜
St Louis & SF 4s A '50	86	86
Seabd AL rfg 4s '59	16	16
Shell Pipe 5s '52	90	89⅞
Shell Union 5s '47	83½	83
Shell Union 5s ct ww '49	87½	86½
Sinclair Cn O col 7s '37	99⅝	99⅝
Sinclair Cru O 5½s '38	101¾	101¾
Southern Bell Tel & Tel 5s '41	105⅜	105⅜
Southern Pacific 4½s '68	98	98
Southern Pacific 4½s '69 ww	99	98⅞
Southern Pacific Ore A 4½s 77	101	100¾
Southern Ry gen 4s '56	88	87¼
Southern Ry reg 5s '94	105¼	105¼
Southwest Bell Tel rfg 5s '54	106¼	106
Stevens Hotel 6s '45	64	64
Texas Corp 5s '44	101	100⅞
Tex & Pac 5s B '77	99½	99½
Tex & Pac 5s D '80 wi	98¼	98¼
Third Ave adj 5s '60	31¼	31¼
Union El L & P rfg 5s '33	102¼	102¼
Union Oil Cal 5s '45 rcts ww	97	96⅞
Union Pacific 1st 4s '47	99¼	99¼
Union Pacific 4s '68	93⅝	93½
Union Pacific 5s	112	112
Utah Lt & Trac 5s '44	96¼	96¼
Utah Pow & Lt 5s '44	101*	101½
Util Pow & Lt 5s '59 ww	74	74
Vertientes Sugar 7s '42	34½	34½
Virginia Ry 5s '62	107	107
Virginia Ry & Power 5s '34	102½	102½
Wabash RR 2d 5s '39	101½	101½
Warner Sugar 1st 7s '41	105¼	105
Warner Bros Pict 6s '39	63⅝	63⅛
West Shore 4s 2361	92⅝	92⅝
Western Electric 5s '44	105	105
Western Maryland 4s '52	81¾	81½
Western Union 5s '51	104½	104½
Western Union 6½s '36	109⅞	109⅞
Western Union 5s '60	103¾	103¾
Wheeling Steel 4½s B '53	90⅝	90¼
Willys-Overland 1st 6*s '33	98	98
Wilson & Co 1st 6s '41	100½	100½
Winchester R Arms 7½s '41	42½	42½
Wis Cen 4s S&D div '36	66	66
Youngstown Sheet 5s '78	101½	101½

LIBERTY BONDS

	High	Low	Last Feb28	Last Feb27
1st 4¼s '47	102.22	102.22	102.22	102.21
4th 4¼s '38	103.14	103.10	103.14	103.14
4th 4¼s reg	103.11	103.11	103.11	103.44
US 3⅜s '43	100.25	100.20	100.24	100.26
US 3⅜s '47	101.4	101.2	101.2	101.
US 3¾s '56	105.	104.30	104.30	104.28
US 4s '54	107.	106.31	106.31	107.2
US 4¼s '52	111.	110.30	110.30	110.30

Quoted in thirty-seconds of a point. For example, read 102.8 as 102 8-32.

FOREIGN BONDS

	High	Low
Abitibi P&P 5s '53	78	78
Ardiatic Elec 7s '52	99	99
Akershus 5s '63	96½	96¼
Antoquia 2nd 7s '57	52⅝	52⅝
Antwerp 5s '58	100¾	100¾
Argentine Gos 6s May '61	93	93
Australia 4½s '56	61	60
Australia 5s '55	66¼	66
Australia 5s '57	66	66
Austria (Gov) 7s ct '57	96¾	96⅝
Austria (Gov) 7s '43	106	105¾
Austria Hydro 6½s	86½	86½
Austria Uppr 6½s '57	90¾	90½
Babaria (State) 6½s '45	84	84
Belgium (King) 6½s '49	109⅞	109¾
Belgium (King) 7s '55	114	114
Belgium (King) 7s '56	110¼	110¼
Bergen (City) 6s '49	101	101
Bergen 5s '60 rct	96½	96
Berlin (City) 6s '58	73	73
Berlin Elec 6½s '51	76	76
Berlin Elec 6½s '59	81¼	81¼
Berlin Elec 6s '55	70⅞	70⅞
Bolivia (Rep) 7s '69	25½	25
Bordeaux (City) 6s '34	104¾	104½
Brazil (Cen El Ry) 7s '52	68	67
Brazil 6½s '26-'57	66	66
Brazil (US) 7½s '52	101	101
Brazil (US) 8s '41	89*	89¾
Bremen 7s '35	99½	99¼
Brisbane 5s '57	59⅛	59⅛
Brisbane 5s '58	59	58⅝
Budapest (City) 6s '62	77	76¾
Buenos Aires 6s '61 (Prov)	70¾	70⅝
Buenos Aires (Prov) 6½s '61	71	71
Bulgaria 7s '67	70⅛	70⅛
Vanada (Dom) 4½s '36	102	102
Canada (Dom) 5s '52	105¾	105¾
Chile (Bank) 6s '61	77⅜	77
Chile (Bank) 6½s '57	85	85
Chile (Rep) 6s '60	80¼	80¼
Chile (Rep) 6s Jan '61	79¾	79¾
Chile (Rep) 6s '61 Sept	79¾	79¾
Chile (Rep) 6s '63	80	79½
Colombia Agr Bk 6s '47	65	65
Colombia Mtg Bk 6½s '47	65	65
Colombia (Rep) 6s '61 Jan	66¼	66¼
Colombia (Rep) 6s '61 Oct	66¼	66¼
Copenhagen (City) 4½s '53	96¼	96¼
Copenhagen (City) 5s '52	100⅝	100⅝
Copenhagen Tel 5s '54	98¼	98¼
Cordoba (City) 7s '57	67	67
Denmark (King) 6s '42	106	106
Deutsche Bk 6s ctfs '32	99⅝	99½
Fiat 7s '46 ex-war	87	87
Finland (Rep) 7s '50	95¾	95¾
Frankfort 6½s '53	78⅝	78⅝
French (Rep) 7s '49	120⅝	120⅝
French (Rep) 7½s '41	126¼	126¼
German 7s '49	90	88
Germ Cen Ag Bk 6s '38	85½	84½
Germ Cen Ag Bk 6s July '60	79⅞	79
Germ Cen Ag Bk 6s Oct '60	79⅛	78¾
Germ Gen Elec 7s '45	104	103⅞
Germ Gov Int 5½s '65	78¾	78⅝
Good Hope I&SW 7s '45	91⅛	90¾
Hamburg 6s '46	86⅝	86⅜
Hansa 6s '39 ww	81	81
Hungary Mun 7s '46	84⅛	84¼
Ilseder Steel 6s '48	75¼	75¼
Italian Credit Con 7s A '37	98⅝	98¼
Italian Pub Util 7s '52	94	94
Italy (King) 7s '51	99⅝	99¼
Jap (Im Gov) 5½s '65	95⅜	95¼
Jap (Im Gov) 6½s '54	105¼	105
Jugoslavia Bk 7s '37	81¾	81¾
Karstadt 6s '43	68	68
Kreuger & Toll 5s '59	93⅛	93
Lombard El 7s '52 ww	93	93
Medellin 6½s '54	48	47⅞
Miag Mill Mch 7s '56 xw	70	70
Milan (City) 6½s '52	87½	87¼
Minas Geraes 6½s '59	53	53
Montevideo (City) 6s 59	75¾	75¾
New South Wales 5s '58	59¾	59
North German Lloyd 6s '47	84¼	84¼
Norway (King) 5s '63	101¼	101
Norway (King) 5½s '65	103	103
Nodwegian El 5½s '67	99⅞	99⅞
Oslo G&E 5s '63	100	99¾
Panama (Rep) 5½s '63	88	88
Paris-Lyons-Med int ctf 7s '58	106¾	106¾
Peru (Gov) 6s '60	31¾	31½
Peru (Gov) 6s '61	31	30¾
Peru (Gov) 7s '59	54½	54⅜
Poland (Gov) 7s '47	81⅝	81
Poland (Gov) 8s '50	88½	88
Prague (City) 6s	81	81
Queensland (State) 7s '41	89	89
Rhine Main 7s '50	94	94
Rhine Wesetphalia 7s '50	98⅝	98⅝
Rhine Westphalia 6s '55 ww	82	81
Rhinelbe 7s '46	88¾	88⅝
Rio de Janeiro (City) 6½s '53	59½	58¾
Rio de Janeiro (City) 8s '46	76¾	76¾
Rio G do Sul (State) 8s '46	72¼	72¼
Rome (City) 6½s '52	88¼	88¼
Royal Dutch 4s '45 ww	92¾	92½
Sante Fe (Prov) 7s '42	83½	82¼
Sao Paulo (State) 7s '40	83	82½
Sao Paulo (State) 8s '50	72⅝	72⅝
Saxon Pub Wks 6½s '51	79½	79¼
Saxon State 7s '45	86⅞	86⅞
Serbs Cro & Slov 8s '62	92	92
Siemens 6½s '51	99½	99⅜
Silesia (Prov) 7s '58	62½	62
Soissons (City) 6s '36	105¾	105¾
Styria (Prov) 7s '46	95	94⅝
Sydney 5½s '55	69½	69½
Swiss Government 5½s '46	106⅛	106⅛
Toho Elec Pow 6s '32	90½	90½
Tokyo (City) 5s '52	93½	93½
Tokyo (City) 5½s '61	93½	93½
Tokyo Elec Lt 6s '53	96¾	96¾
Tyrol 7s '52	94	94
U K Gt Br & I 5½s '37	106½	106¼
Uni Stl W 6½s A '47	76¾	76⅝
Uni Stl W 6½s A '51	76⅝	76⅝
Unterelbe 6s '53	78⅛	77
Uruguay (Rep) 6s '64	81¼	81¼
Uruguay (Rep) 8s '46	100½	100½
Vienna 6s '52	88⅞	88⅞
Warsaw 7s '58	63	63
Yokohama (City) 6s '61	98¾	98¾

MONEY MARKET

Current quotations follow:

	Boston	New York
Call loans—renewal rate	2½%	1½%
Commercial paper	2½@3	2½@2¾
Customers' loans	3½@4½	5
Collateral loans	5	5
Time loans—		
Sixty-ninety days	1½@1¾	1½@1¾
Four to six months	1¾@2½	1¾@2¼

	Today	Last Previous
Bar silver in New York	27⅜c	27 c
Bar silver in London	12 d	12½d
Bar gold in London	84s 11½d	84s 11½d

Clearing House Figures

	Boston	New York
Exchanges	$65,000,000	
Year ago today	90,000,000	$1,224,000,000
Balances	37,000,000	
Year ago today	39,000,000	165,000,000
Exchanges for week	307,000,000	
Balances for week	159,000,000	
F. R. bank credit	36,811,395	

Acceptance Market

30 days	1⅛@1½
60 days	1⅛@1½
90 days	1⅛@1½
4 months	1¾@1⅝
5 months	1⅞@1¾
6 months	1⅞@1¾

Leading Central Bank Rates

The 12 Federal Reserve banks in the United States and banking centers in foreign countries quote the discount rates as follows:

Atlanta	3%	Bombay	7%
Boston	2½	Budapest	5½
Chicago	3	Calcutta	7
Cleveland	3	Copenhagen	3½
Dallas	3½	Helsingfors	6
Kansas City	3½	Lisbon	7½
Minneapolis	3½	London	3
New York	2	Madrid	5½
Philadelphia	3½	Oslo	4
Richmond	3½	Paris	2
San Francisco	3	Prague	4
St. Louis	3	Riga	6
Amsterdam	2½	Rome	5½
Athens	8	Sofia	9
Berlin	5	Stockholm	3
Berne	2	Tokyo	5.11
Bucharest	9	Vienna	5
Brussels	2½	Warsaw	7½

Foreign Exchange Rates

Current quotations of foreign exchanges compare with the last previous figures as follows:

	Today	Last Prev.	Parity
Europe			
Sterling:			
Demand	$4.85 11-16	$4.85 11-16	$4.8665
Cables	4.85 25-32	4.85⅞	4.8665
France—franc	.0391⅞	.0391⅞	.0392
Belgium—belga	.1394½	.1394½	.139
Italy—lira	.0523¾	.0523⅝	.0526
Germany—mark	.2377¼	.2376½	.2381
Austria—schill'g	.1404½	.1406½	.1407
Cz'ch'via—crown	.0296⅛	.0296⅜	.0296
Denmark—krone	.2675	.2674½	.268
Finland—finm'rk	.0252	.0252	.0252
Greece—dr'chma	.0129¼	.0129½	.193
Holand—florin	.4011	.4011¼	.402
Hungary—pengo	.1745½	.1745½	.1749
Norway—krone	.2676	.2674½	.268
Poland—zloty	.1120	.1121	.1122
Port'gal—escudo	.0450	.0450	1.0805
Rumania—leu	.0059½	.0059	.193
Spain—peseta	.1055	.1047	.193
Sweden—krona	.2677½	.2676⅛	.268
Switz'land—franc	.1924¼	.1925	.193
Jugoslavia—dina	.0175⅝	.0176¼	.193
Far East			
Hong Kong—dol	.2275	.2287½	
Shanghai—tael	.2925	.2900	*
India—rupee	.3600	.3600	.3650
Japan—yen	.4940	.4943	.4984
Phil Islands—peso	.4962½	.4962½	.50
Sts Stlments—dol	.5625	.5625	.5678
South America			
Argentina—peso	.3325	.3321	.4245
Brazil—milreis	.0820	.0841	.1196
Chile—peso	.1205	.1205	.12125
Colombia—peso	.9662	.9662	.9737
Peru—pound	.2714	.2750	.40
Uruguay—peso	.7080	.7125	1.0342
North America			
Canada—dollar	1.00	1.00	1.00

*Par unsettled.

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Public Service of Northern Illinois Prosperous Utility

1930 Profits Exceed Previous Year—Uninterrupted Gains Shown in Last 10 Years—Serves Rich Territory—Periodic Rights Raise Yield on Common

By G. R. ERICSON

Article 102

In that select list of companies which have weathered the business depression with flying colors, in other words which have shown increased earnings during 1930, stands the Public Service Company of Northern Illinois, which serves a wide territory in the northern part of Illinois outside of Chicago.

An Insull-managed property, it has reported uninterrupted gain in both gross and net income during the last decade, and in view of the growing territory which it serves and its excellent management, outlook for the future should be comparable to its satisfactory past.

Beginning operations in 1911, it has expanded steadily, with especially large outlays in recent years, as, for instance, $16,000,000 in 1929 and $30,000,000 in 1930. Today it is a utility with assets of about $210,000,000, serving a population in excess of 1,110,000 living in 320 or more communities which have an area of more than 6000 square miles.

Assets have more than doubled since 1923, as have operating revenues in that period, while net income has increased more than 300 per cent.

Company Expands Steadily

The company owns the North Shore Electric Company, Chicago Suburban Light & Power Company, Economy Light & Power Company, Illinois Gas & Electric Company, Kankakee Gas & Electric Company and a number of smaller companies. In 1913 it acquired the Northwestern Gas Light & Coke Company and Pontiac Light & Water Company.

In 1917 it bought coal mines in Indiana, and these were turned over in 1928 to the reorganized Peabody Coal Company which is controlled jointly by the Commonwealth Edison, Peoples Gas Light & Coke, Middle West Utilities and Public Service of Northern Illinois. The company has a long-term contract with the coal company which gives it access to a much greater acreage of coal.

In 1922 the company bought 88 acres of land in Waukegan, Ill., where it has built five units of a generating station having a capacity of 290,000 kilowatts and will have an ultimate capacity of 1,000,000 kilowatts. In 1924, it bought Wenona Light & Power Company and in the same year built transmission lines from Waukegan to Evanston, Ill. and from Joliet to Chicago Heights, at a total cost of $4,050,000. Various other light and power properties were bought in succeeding years.

Its electric system as of Dec. 31, 1929, comprised 18 main electric generating stations, 59 electric substations, eight gas manufacturing stations, three heating stations, and numerous stores and district offices. The company has an interchange energy contract under which electric capacity is pooled with that of Commonwealth Edison Company and Northern Indiana Public Service Company, and another one with Illinois Northern Utilities Company and Rockford Electric Company.

1930 Net Up 6 Per Cent

A gas contract with Peoples Gas Light & Coke Company makes the gas capacity of either company available to the other.

The Chicago District Electric Generating Company, which owns a generating station of 200,000 kilowatt capacity on a 90-acre tract on Lake Michigan east of the Illinois-Indiana line, is controlled jointly by Commonwealth Edison, Public Service of Northern Illinois, Northern Indiana Public Service Company and Interstate Public Service Company.

Last year Public Service of Northern Illinois sold 1,195,446,343 kilowatt hours of electricity compared with 1,056,558,905 in 1929, a gain of better than 13 per cent, while gas sales of 7,509,748,700 cubic feet gained 61,000,000 cubic feet. Residential gas sales gained nearly 17 per cent over 1929. Number of electric customers rose about 7000 to 289,497, and gas customers at the end of the year numbered 153,245, a gain of 3700. In the aggregate, 825 circuit miles of electric lines were built in 1930 and 96 miles of gas lines.

Despite three new lower electric rates effective last year affording a saving to consumers in 1930 of about $928,000, the company reported a 6 per cent gain in net income.

Profits available for dividends totaled $7,564,046, equal after preferred dividends to $12.93 a share on the common stock, compared with $7,100,870 in 1929.

Rights Add to Yield

Gross of $35,405,094 also showed a gain of about 6 per cent over the $33,329,811 reported for 1929. These figures compare with gross 10 years ago of $11,415,087. The 1930 net income is more than five times the net shown for the year 1920 of $1,356,776.

The company has a satisfactory capital structure from the standpoint of utility accounting, with bonded debt totaling $105,056,000 and four classes of stock, two preferred and two common, with an aggregate balance sheet value of $66,772,400 as of Dec. 31, 1930. About half of needed capital has been obtained in recent years from the sale of stock and half from bonds.

In seven out of the last nine years stock financing has been by means of no par common stock, the last two issues in 1929 and 1930 having been offered at $100 a share in the ratio of one for every six held.

As of Dec. 31, 1930, there were outstanding 100,000 shares of $6 preferred, 63,576 shares of $7 preferred, 128,703 shares of $100 par common and 375,641 shares of no par common. At the beginning of this year working capital amounted to $8,742,000. Investments in affiliated companies totaled $37,143,928, compared with $25,512,966 the preceding year. Total assets gained $20,000,000 in the year.

Dividends have been paid regularly on the common stocks since inaugurated. An annual basis was maintained since 1917 of $7 a share up to August, 1925, when the rate was increased to $8 a year. This rate has been supplemented by valuable rights to buy common stock. In 1928 these rights sold for as high as 17½, and they touched 45½ in 1929.

Rights offered in December, 1930, have sold between 22½ and 16¾. The stock has sold as high as 258 this year and as low as 201. At current quotations of around 254, current yield is 3.15 per cent.

Rights on the last issue sold at $22 a share on the last day before expiration. Adding this amount to the dividend makes $30 per share return for 1930, or a yield at current prices of almost 12 per cent.

RAILWAY EARNINGS

	1931	1930
CHICAGO & NORTH WESTERN		
Jan. gross	$8,427,883	$10,474,129
Net op inc	507,788	619,709
NEW YORK CENTRAL	1930	1930
Jan. gross	$33,820,786	$43,139,671
Net oper income	1,872,100	5,609,582
ILLINOIS CENTRAL SYSTEM	1931	1930
Jan. gross	$10,279,469	$13,640,927
Net oper inc	404,795	1,497,701
MISSOURI-KANSAS-TEXAS	1931	1930
Jan gross	$2,918,252	$3,653,066
Op exps	2,169,517	2,807,235
Bal for int	411,871	496,528
Int chgs	405,924	412,420
Surp aft chgs	5,647	84,108
ROCK ISLAND LINES	1931	1930
Jan gross	$8,503,547	$10,114,367
Net op inc	1,039,216	320,003
Surp af chgs	2,259	*624,728

*Deficit.

	1931	1930
ATLANTIC COAST LINE		
Jan gross	$5,683,511	$6,202,151
Net op inc	781,765	1,010,559
NORFOLK @ SOUTHERN	1931	1930
Jan gross	$444,760	$549,111
Net op def	18,796	*20,653

*Income.

	1931	1930
BUFFALO, ROCHESTER & PITTSBURGH		
Jan gross	$1,063,983	$1,380,010
Net oper inc	76,668	186,559
CHICAGO, INDIANAPOLIS & LOUISVILLE	1931	1930
Jan gross	$1,016,868	$1,296,016
Net oper inc	33,150	66,669
DELAWARE & HUDSON	1931	1930
Jan gross	$2,754,011	$3,319,022
Net oper inc	172,301	401,279
NEW YORK, CHICAGO & ST. LOUIS R. R.	1931	1930
Jan gross	$3,231,265	$4,098,976
Net oper inc	181,234	488,239
PITTSBURGH & LAKE ERIE	1931	1930
Jan gross	$1,658,925	$2,295,291
eNt oper inc	321 152	436,785
RUTLAND R. R.	1931	1930
Jan gross	$359,467	$433,679
Net op deficit	17,566	*15,824

*Income.

PENICK & FORD INCOME

Penick & Ford, Ltd., Inc., reports for the year ended Dec. 31 net of $1,811,348 after depreciation, federal taxes, etc, equivalent, after dividend requirements on the 7 per cent preferred, retired during the year, to $4.01 a share on 434,965 shares of no-par common. In 1929 net was $1,882,441 after interest, depreciation, federal taxes, and after deducting $290,569 write-off of properties, equal to $3.97 a share on the common.

RAILROAD INQUIRIES

NEW YORK, Feb. 28—The Louisiana & Arkansas Railroad is inquiring for two locomotives, Railway Age reports. The Chicago Tank Car Company is inquiring for one tank car. The Chicago & Eastern Illinois Railroad has provided for retirement of 7286 miscellaneous freight cars, of which 286 are now being scrapped, and 7000 are being offered for sale before being scrapped.

United Founders Corporation

Consolidated resources as of November 30, 1930, were $322,625,722. There were 91,301 registered holders of Common Stock of United Founders Corporation on December 1, 1930. This compares with 58,978 on November 30, 1929, and 80,566 on May 31, 1930, an increase during the year of 54.8%.

CONTROLLED: American Founders Corporation — Consolidated Resources $189,226,926; United States Electric Power Corporation — Consolidated Resources $1,221,000,000; Investment Trust Associates — Consolidated Resources $18,000,000

AFFILIATED: United National Corporation (Washington) — Consolidated Resources $76,000,000; Public Utility Holding Corporation of America — Consolidated Resources $100,000,000; Insuranshares Corporation of Delaware — Consolidated Resources $16,000,000

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Herbert N. Casson, a foremost international authority on efficiency in business and industry, says that "dollars are now being sold for thirty cents. Practically every security in the United States is now being sold at less than its value."

If you believe that we are on the threshold of a period of good business, if you believe in the innate strength of American industry, you must believe that right now is the time to invest, and that United Founders is an ideal medium whereby to do so. We will gladly send you their annual report for 1930.

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STOCK MARKET HAS PRONOUNCED RISE IN MONTH OF FEBRUARY

It has been many months since the stock market enjoyed such a sustained rise as took place during February. Advancing tendencies, which were pronounced in the railroad group at the close of January, continued during the early days of February, with the Dow, Jones rail index advancing to a high of 111.07 on the 10th. During the remainder of the month the average backed and filled with a two-point range, although extending the recovery to 111.58 late in the month.

Activity and strength in utilities, which was reminiscent of the big markets of 1929, was one of the outstanding features. The utility average, with but an occasional interruption, advanced to a high of 73.19 on Feb. 26. At this level a recovery of 18.05 points from the bear market low was shown.

Some sensational advances took place in the industrial list. The average broke through into new high ground for the year on Feb. 7 when the index stood at 172.90. From this level the barometer rose to a high of 194.36 during the final days of the month, a recovery of 36.85 points from the December low.

NEW YORK COTTON

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Last Sale	Prev. Close
March	11.02	11.13	11.02	11.13	11.06
May	11.25	11.37	11.23	11.36	11.29
July	11.48	11.61	11.46	11.60	11.52
October	11.75	11.88	11.74	11.87	11.77
December	11.93	12.06	11.92	12.06	11.99
January	12.02	12.12	12.02	12.12	12.06

Spots 11.20, up 5 points. Tone at close, steady.

New Orleans Cotton

	Open	High	Low	Last	Prev. Close
March	11.06	11.12	11.00	11.11	11.06
May	11.29	11.37	11.24	11.36	11.29
July	11.53	11.60	11.48	11.60	11.64
October	11.78	11.87	11.75	11.87	11.81
December	11.96	12.05	11.93	12.05	11.99
January	12.01	12.12	12.01	12.12	12.06

Tone at close, steady.

Liverpool Cotton

	Open	High	Low	Last	Prev. Close
March	5.91	5.94	5.87	5.88	5.91
May	6.01	6.04	5.95	5.96	6.01
July	6.10	6.12	6.05	6.06	6.11
October	6.22	6.25	6.16	6.19	6.22
December	6.26	6.27	6.26	6.27	6.31
January	6.33	6.36	6.33	6.36	6.34

Spots 6.18, down 16 points. Tone at close, steady. Sales 4000; (American) 2000.

Experienced Salesmen Wanted

Three high-grade men of outstanding character and ability, with seasoned knowledge of building construction.

Applicants must have good sales record and ability to meet architects and owners of large building projects, and to close contracts averaging $2500 to $5000.

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Openings at present in Boston, Hartford and Springfield offices. Compensation on liberal salary basis.

Letter should state full qualifications, experience and present and expected salary. Christian Scientist preferred.

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DIVIDENDS

Harriman Investors Fund, Inc., declared the regular quarterly dividend of $1, payable March 2 to stock of record Feb. 28.

Missouri Pacific Railroad Company declared the regular quarterly dividend of $1.25 on the preferred, payable March 31 to stock of record March 13.

Texas & Pacific Railway Company declared the regular quarterly dividend of $1.25 on the common, payable March 31 to stock of record March 13.

Swift & Co. declared the regular quarterly dividend of 50 cents, payable April 1 to stock of record March 10.

New Orleans, Texas & Mexico declared a semiannual interest payment of 2½ per cent on the 5 per cent noncumulative income bonds for the period ended Dec. 31, payable April 1.

Borg Warner Corporation declared the regular quarterly dividend of $1.75 a share on the preferred stock and a quarterly dividend of 25 cents a share on the common stock, both payable April 1 to stock of record March 16.

Segal Lock & Hardware Co. declared the regular quarterly dividend of 12½ cents on the common, payable March 16 to stock of record March 2.

Westmoreland, Inc., declared the regular quarterly dividend of 30 cents, payable April 1 to stock of record March 16.

West Coast Oil Company declared the regular quarterly dividend of $1.50, payable April 6 to stock of record March 28.

State Theater Co., Boston, declared the the regular quarterly preferred dividend of $2, payable April 1 to stock of record March 21.

Otis Steel Co. declared the regular quarterly dividend of $1.75 on the prior preference stock, payable April 1 to stock of record March 19.

BALDWIN LOCOMOTIVE ORDER

The Chicago, Milwaukee, St. Paul & Pacific Railroad has ordered eight passenger locomotives from the Baldwin Locomotive Works.

FALL RIVER COTTON CLOTH DEMAND FAIR WITH PRICES FIRM

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

FALL RIVER, Mass., Feb. 28—Inquiry was normal this week in the local cloth market. More or less small-lot trading was done for nearby and future deliveries. Prices were generally firm.

Of semi-fine goods, sateens and marquisettes were in the best demand. Wide and narrow odds were the best sellers in printcloths. The 36-inch goods were fairly active.

Sateens are reported firm at 7⅝c for the 4:37s, and 6⅝c for the 4:70s, both prices being advances of ⅛c over last week. Fractional price boosts are noted in the 31½-inch, 48 squares, with moderate contract deals being signed at 3⅞ and 3 15-16c.

Quotations on standard prints today are: 38½-in., 64x60s, 6c; 39-in., 56x44s, 5c; 27-in., 64x60s, 4¼c; 27-in., 56x52s, 3¾s, and 25-in., 40x32s, 2⅝c.

The Kerr mill, local branch of the American Thread Company, will open Monday on a full-time basis for its 1500 employees who have been working from 4 to 4½ days a week for some time.

UNITED BISCUIT CO.

CHICAGO, Feb. 28—United Biscuit Co. of America reports for the year ended Dec. 31 net profit of $2,866,061 after charges, depreciation, federal taxes, etc., compared with $3,254,097 in 1929.

RADIO AVIATION

The Arctic Moves Nearer

Wings Link the Circle to "The End of Steel"

OTTAWA

MOUNTAINS, rivers, lakes and desolate stretches of bush and rock stretch under the plane's trail, as the Canadian air mail wings its way north winter and summer. From McMurray, where the steel rails end in Alberta, an airway stretches for nearly 1800 miles through the sub-arctic and arctic to Aklavik and Herschel Island at the mouth of the Mackenzie River where it flows into the Arctic Ocean, 200 miles north of the Arctic Circle.

Christmas saw the completion of the first year of this air-mail service to the Arctic Ocean. More than 18 deliveries were made to the end of the line both in summer when the planes could fly nearly 20 hours per day because of the continuous arctic daylight, and in winter when two hours is considered a dawn to dusk flight, replacing the two mails a year, one in summer and one in winter, which used to penetrate there before the days of the airplane.

The Arctic Air Mail is a difficult run. Snow and fog are the main drawbacks for most of the year. In summer the rivers and lakes are open. Then there are the Arctic storms to combat when tides sweep in along the Arctic coast to four feet heights and seaplanes have to watch their landings. In winter the mercury drops down to 30 below and stays there on the average, often, however, dropping to 60. The fog flowing in from the ocean, silently rolls up the Mackenzie River, blanketing the basin to a creamy thickness. The wind at all times blows about 30 miles per hour.

Pilots have hopped off in the face of an oncoming blizzard against all advice of men who knew the country, and have beaten the storm. Planes have gone in with pontoons because when they left the base at McMurray the water was still open. They have been frozen in overnight, to be chopped out and refitted with skiis before further flight was possible.

Nose hangars have had to be built on the ice at various points that the engines, while parked overnight along the route could be kept heated and warm in that climate. There have been breakdowns which have necessitated the mechanics to work for six hours or more in 40 below zero with no protection except their heavy fur parkas while making repairs on the windswept ice.

The route of the Arctic Air Mail is not lighted, nor are there telegraph wires, train tracks and highways below the speeding planes. There is only a barren landscape, with here and there a small community. The occasional trapper's cabin may be seen in a clearing. But otherwise there is nothing. Communication with the outside by the pilots of the company is only through the government wireless stations which are spread along the route at six strategic points. Through these stations weather reports are flashed to the pilots to meet them at the few posts equipped with stations. Otherwise they have no means of knowing in advance how thick the fog hangs over the Mackenzie or what snowstorms they are likely to meet near their destination.

Heavy loads are the order of the day along the arctic mail route. Everything is now being carried by plane that is not too bulky. The dog team in winter still runs, but it is gradually being replaced by the airplans for those who have freight and express to send back to "the end of steel." In summer the river steamers still carry the heavy loads of annual supplies. But by air travels not only mail of every description, but also food stuffs, radio parts, furs, clothing, guns and ammunition, canoes, live foxes and mink for fur farms, ore samples, drilling machinery and a host of other freight that is now a part of the northlands needs. Passenger traffic is as varied on the mail planes. Bishops and other members of the clergy make up a large number of the passengers. Hunters, trappers, prospector, mounted police constables, Indians and Eskimos, they all travel by air today in the arctic.

The arctic air mail connecting as it does at Edmonton with the other mail routes of the continent, allows a letter to go by air practically all the way from the Arctic Ocean to Buenos Aires. And while this is not the important feature of the route, it shows how the airplane mail has emancipated this sub-arctic and arctic of Canada, placing the region in practically weekly touch with the outside world, whereas formerly isolation was complete for three-quarters of the year.

Speaking From New York

"Out of the Mouthes of Babes"

IT HAPPENED between the writing and reading periods, and on fathers' visiting day, while we were observing the work of the first grade, into which our son had just been promoted. It was a business holiday. In this school there was no radio apparatus. For us, then, it was a genuine holiday.

We should have known that to first graders in a modern, progressive school, where freedom and creative play are as important as reading and writing, the mere absence of radio apparatus, if their quicksilver imaginations chose to see some there, could mean nothing. And when, between writing and reading periods, the teacher said, "Let's repeat our radio show for the benefit of the fathers," these youngsters were not handicapped even by the absence of a whole radiocasting studio. Within five minutes the entire studio had been set up.

* * *

This impromptu studio was not elaborate. It had no sound-proof walls, no special lighting equipment, no colorful decoration, and not a single unnecessary accessory—not even that curious fly-catching device which the jazz traps engineer swishes over the long-suffering face of his snare drum. These children—and as a father of a boy we hesitate to report that they were girls, all four of them—required for the five-minute construction of a whole studio merely these materials:

Several long wooden blocks, two uprights, one square piece of white cardboard, one piano, one piano stool, one psaltery and one metal xylophone spanning a single scale.

The list does not include a publicity department or a single vice-president.

While the other children, the three teachers and the fathers were semi-circling themselves on tiny chairs in the next room to play the essential rôle of audience, the uprights and the blocks became a wall about chin high, the specific chin being that of Patsy, tallest of the four performers. Hung on the center of the top block, the cardboard said, "Radio loudspeaker."

* * *

Not "microphone," but loudspeaker. With a single sweeping gesture the girls disregarded all intermediary apparatus between the performer and the speaker in the home. Thus does today's child strike straight to the heart of his problem. These girls had listened to loudspeakers; perhaps some had seen performers at work before a microphone. What happened in between was no concern of their's. The job was to transmit the performance direct from studio to home audience. Boys might have insisted upon intermediary dinguses and what-nots, but not these girls. Perhaps not any girls.

* * *

The studio was ready. Gilda sat at the piano, the only visible performer. The other three were huddled low behind the studio wall, out of sight. Without warning, without any obeisance whatever to the august Federal Radio Commission, Patsy jutted her charming head above the wall, in the exact center behind the cardboard loudspeaker label, and proclaimed: "This is Station WOR; Gilda will begin our program with a piano solo." And then, after a rhetorical pause: "I think she is very wonderful." And Patsy's head dropped out of sight.

* * *

To us as a radio review Patsy's "I think she is very wonderful" sounded very like a slice of unconscious satire on announcing, aimed at those announcers who praise their performers even before the audience has had a chance to appraise their actual work. This suspicion grew as Patsy concluded each announcement with a similar laudatory statement. Patsy, we decided, knew her announcers.

* * *

Gilda's piano piece was none the less good because picked out with a single finger. The final note had scarcely faded when Patsy humped up to announce that Carol would now play a solo on the psaltery. And Carol, too, was "very wonderful." We agreed. A brief tune, but a merry one, and every note accounted for. The significant thing, though, was that you did not see Carol. With the exception of Gilda, who could not hide herself and the piano behind the studio wall, you saw no performer. Apparently the girls thought that the announcer simply must be seen, but that performers must be heard only. This may have been another estimate of announcers.

* * *

There followed a quaint song by all four girls—"Good Morning, Little Yellow Bird"—in unison, with only one at all uncertain of pitch; and they, too, were "very wonderful." But the next and final number (a short program, you see, nowhere near long enough to bore anybody) was the best of the lot. It was not announced. From behind the studio wall came the dulcet tones of the single-scale xylophone—do, mi, sol, do, sol, mi, sol. A perfect facsimilie of those chimes with which the chains ring periods in and out. And while the final "sol" lingered in the air, up popped Patsy, with this announcement, delivered speedily, exactly as printed but withal distinctly and significantly informative:

"Halfpastenstannartime. Show's-over."

* * *

Thus did these four girl first graders, speaking from New York, inform the world what radio meant to them. It did not mean apparatus. It had nothing to do with technical affairs. It was free from any such puzzling considerations as the relation between mechanical and electrical cause and effect. Wavelengths were no part of it. Jazz was not in it, nor a single syllable of advertising. But it did mean good music, instrumental and vocal. It did mean performers who readily consented to remain out of sight. And it did mean an announcer who simply must be seen as well as heard.

* * *

Naturally, since this show was presented by children in a progressive school which encourages freedom of choice and action, and gives full play to individuality, the performance was wholly lacking in self-consciousness. When the show was over the four girls dropped back into the group without any apparent longing for commendatory fan letters. They had done a good job, one that satisfied their love of play and squared with their own untutored sense of radio values. Not once had any of their three teachers presumed to direct or guide the performance. Teachers and fathers, including this one who is supposed to know something about radiocasting, were merely somewhat unimportant units of the audience. And we all sat quietly by while four six-year-young girls taught us what radio means to the youngest generation.

We should like to echo Patsy the announcer. We think it was all "very wonderful." And, somehow, radio means more to us than it did before. Children, of course, couldn't.

L. A.

Programs Tonight

EASTERN STANDARD TIME

WEEI, Boston (590kc-508m)

5:00 p. m.—Caroline Cabot Concert.
5:45 Limerick Program.
5:50 Caroline Cabot Concert.
6:00 Hiram and the Dairy Maids.
6:15 NBC, Black and Gold Room Orchestra.
6:30 Time; barometer; thermometer; news.
6:45 NBC. Uncle Abe and David.
7:00 WEEI String Ensemble.
7:15 NBC, "Laws That Safeguard Society."
7:30 Sam Curtis's Radio Chat.
7:45 Jesters Male Trio.
8:00 NBC, Weber and Fields.
8:15 NBC, "Varieties": soloists; orchestra.
8:30 Masterpiece Pianist.
8:45 Michael Ahern, baritone.
9:00 NBC, Goldman Band; Del Staigers, cornet soloist; Floyd Gibbons.
10:00 NBC, Dance orchestra.
11:00 E. B. Rideout; news; time.

WBZA and WBZ, Boston and Springfield (990kc-303m)

5:00 p. m.—"Uncle Bill and the Twins."
5:15 String ensemble; stocks.
5:45 Gov. Stanley C. Wilson of Vermont.
5:55 "National Affairs," David Lawrence.
6:00 Time; weather; Bookman; Review.
6:15 Ramblers Orchestra.
6:30 Blackface songs and humor.
6:45 NBC, Lowell Thomas, news.
7:00 Time; NBC, "Amos 'n' Andy."
7:15 NBC, Jesters Male Trio.
7:30 Popular program.
7:45 Tom Clines's Statler Orchestra.
8:00 NBC, "Circus" sketch.
8:15 NBC, "Rin-Tin-Tin" sketch.
8:30 NBC, Fuller Orchestra; Vee Lawnhurst, songs at piano; Handy Boys, male trio; Earle Spicer, baritone.
9:00 Musical program.
9:30 NBC, Dance orchestra; soloists.
10:00 NBC, "Cuckoo" sketch.
10:30 NBC, "Clara, Lu and Em" sketch.
10:45 Saturday Night Review.
11:00 Time; weather; Sport Review.
11:13 Bruins-Toronto hockey report.
11:20 Irving Guyer's Orchestra; time.

WNAC, Boston (1230kc-244m)

5:00 p. m.—Children's playlet.
5:05 Ted and his Greater Gang.
5:30 "The Merry Go Round": orchestra.
5:45 "The Saturday Nighters": time.
6:00 Shepard Stores Melodists.
6:15 Popular orchestra.
6:30 Musical Sports Review; Ralph Gilroy.
6:45 CBS, Mystery story.
7:00 CBS, Morton Downey; orchestra.
7:15 CBS, Rhythm Ramblers.
7:30 CBS, Audrey Marsh, soprano; Larry Murphy, tenor; Henry Burbig; orchestra.
8:00 "Chronicles": recorded program.
8:30 CBS, "The Early Bookworm."
8:45 CBS, "Round Towners" Quartet.
9:00 CBS, Indian legend; band music.
9:30 CBS, "The Income Tax," David Burnet, Commissioner of Internal Revenue.
10:00 CBS, Hank Simmons sketch, "The Celebrated Case."
11:00 Time; news; weather.
11:15 CBS, Jack Denny's Orchestra.
11:30 CBS, Guy Lombardo's Royal Canadians.
12:00 CBS, Bert Lown and his orchestra.
12:30 a. m.—CBS, Ann Leaf, oragnist.

WHDH, Boston (830kc-361m)

5:30 p. m.—Fishermen's Program.
5:45 "The Monitor Views the News."
6:00 O'Leary's Irish Minstrels.
6:25 Weather; Keystone program.

FOR SUNDAY, MARCH 1

WEEI, Boston (590kc-508m)

10:55 a. m.—Old South Church in Boston.
12:45 p. m.—"Importance of the Choice of the Right Vocation."
1:00 Boston Musicians' Subscription Fund Concert.
2:00 NBC, Southern sketch.
2:30 "Famous Faiths": talk; choir.
3:30 NBC, Albert Spalding, violinist.
4:00 NBC, Dr. Cadman; choir; orchestra.
5:00 NBC, Mixed chorus; organ; orchestra.
7:00 NBC, Big Brother Club.
7:30 Garden talk; news.
8:00 Jenney Concert: Walter Smith's Band.
9:30 Talk; time; Masterpiece Pianist.
9:15 NBC, Kathleen Stewart, pianist; Everett Marshall, baritone; Atwater Kent Orchestra.
10:15 NBC, Mixed chorus.
10:45 NBC, "Sunday at Seth Parker's."
11:15 News; time announcement.

WBZA and WBZ, Boston and Springfield (990kc-303m)

10:30 a. m.—Goldman String Ensemble.
10:45 Service of The Mother Church, The First Church of Christ, Scientist, in Boston, Massachusetts.
12:45 p. m.—"Short Story Writing."
1:00 Statler organ, Louis Weir.
2:00 Hour for Religious Liberals.
2:30 NBC, Ilo Bailey, vocalist; Lee Sims, pianist; Harry Kogen's Orchestra.
3:00 Special service.
4:00 Harriette Elking, violinist.
4:15 NBC, Musical Crusaders; mixed chorus.
4:45 NBC, Quartet and ensemble.
5:00 NBC, Dr. Fosdick; sextet; orchestra.
6:00 Time; weather; "Curious Facts"; Sport Review; temperature.
6:15 "Chronicles": recorded.
6:45 The Co-Eds: skit and music.
7:15 Emily MacKenzie, soprano; George Wheeler, tenor.
7:30 NBC, "University Construction in Time of Depression."
7:35 NBC, "Vibrant Melodies."
8:00 NBC, Anna Jeitick Mixed Quartet.
8:15 NBC, Collier's Hour; speakers; sketches; orchestra.
9:15 Einar Hanson, violinist.
9:30 NBC, World Adventures with Floyd Gibbons.
9:45 Musical program.
10:15 NBC, Boswell Sisters, trio.
10:30 NBC, Slumber Music Ensemble.
11:00 Time; weather; temperature; Review.
11:15 NBC, Male quartet.
11:30 Paramount organ, Arthur Gobel.

WNAC, Boston (1230kc-224m)

8:00 a. m.—Dudley Carollers.
9:00 "A Bouquet of Memories."
12:15 p. m.—"Modern Brevities."
12:30 Russian Art Choir.
2:00 CBS, Cathedral Hour; chorus; orchestra.
3:00 CBS, New York Philharmonic-Symphony Orchestra. Arturo Toscanini, conductor. Oberon Overture (Weber); Symphony in D minor (Schumann); Symphony "From the New World" (Dvorak).
5:00 CBS, The Rev. Donald G. Barnhouse.
5:30 CBS, "Sweethearts of the Air"; mixed quartet; orchestra.
6:00 Earle Nelson, Helen Barr; Funnyboners; dance orchestra.
6:30 CBS, Betty Smart, Ben Alley, soloists; Freddie Rich's Orchestra.
7:00 Popular vocal and piano.
7:15 Dance orchestra.
7:30 Concert Orchestra, Arthur Fiedler, conductor.
8:00 CBS, Kodak talk.
8:15 CBS, Sigmund Spaeth, lecture-recital.
8:30 CBS, Kaltenborn Edits the News.
8:45 CBS, "Piano Pals."
9:00 CBS, "Arabesque" sketch.
9:30 CBS, Detroit Symphony Orchestra, Victor Kolar, conductor; Edgar Guest.
10:00 Jesse Crawford, Poet of the Organ; Paul Small, tenor; Duotones.
10:30 CBS, "The Gauchos": Argentine orchestra and soloist.
10:45 Time; news; weather.
11:00 CBS, Back Home Hour.
12:00 CBS, "Quiet Harmonies"; orchestra.
12:30 a. m.—CBS, Ann Leaf, organist.

WHDH, Boston (830kc-361m)

10:30 a. m.—Park Street Church service.
1:45 p. m.—Greek Bible Students.
2:30 Lionel MacDuff, baritone.
3:45 Shep Wolan's Orchestra.
3:30 Rescue Society Service.
5:00 Antionette DuChemin, soprano.
5:30 Copley Trio.
6:00 New England Conservatory of Music.

Monday's Features

WEEI

8:00 a. m.—NBC, "Early Birds."
8:30 a. m.—NBC, "Cheerio."
9:00 a. m.—Studio and musical.
11:15 a. m.—NBC, Household Institute.
12:00 noon—Studio period.
1:45 p. m.—Studio and musical.

WBZA

7:30 a. m.—NBC programs.
9:15 a. m.—Studio and musical.
12:35 p. m.—NBC, Farm and Home Hour.
1:45 p. m.—Studio and musical.

WNAC

6:30 a. m.—Studio and musical.
8:15 a. m.—CBS program.
9:00 a. m.—Studio and musical.
10:15 a. m.—CBS programs.
11:45 a. m.—Studio period.
12:15 p. m.—CBS programs.
1:00 p. m.—Studio and musical.
3:00 p. m.—CBS program.

The Dialer's Guide

Features followed by sponsor and network in parentheses. "CBS," "CBS Chicago" and "CBS Pacific" are general networks of Columbia Broadcasting System, "WEAF Chain," "WJZ Chain," "NBC Chicago" and "NBC Pacific" are networks of National Broadcasting Company. These are followed by "—T" when coast-to-coast hookup is employed. When only single station is used its call letters will be given. All time is eastern standard except "Chicago" and "Pacific," which are given in respective times. All time p. m. unless otherwise stated.

FOR MONDAY MARCH 2

Orchestral

Black and Gold Room Orchestra (WEAF Chain). Standard classics. 6:05.
Rochester Civic Orchestra; Lucille J. Bigelow, harpist (WJZ—T). Scherzo-Waltz (Chabrier); The Last Spring (Grieg); for strings; Ronde de Nuit (Witkowski); Introduction and Allegro (Ravel), harp, strings, flute, clarinet; Saltarelle (Vieuxtemps). 10.
Ludwig Laurier's Slumber Music Ensemble (WJZ Chain). Principally Mediterranean music. 11.

Rhythmic Music

Leo Reisman and his orchestra; male trio (CBS—T). 9.
Victor Young's Orchestra (WJZ—T). 9.
Cab Calloway's Orchestra (WJZ Chain). 12.

Vocal and Instrumental

A & P. Gypsies Orchestra; male quartet (WEAF Chain). Popular classics and ballads. 8:30.
Isabel Dupuy, soprano; Tito Giusar, Mexican tenor; Unified Service Orchestra (WEAF Chain). Latin-American music at the Pan-American Union concert. 10:30.

Dramatic Sketches and Music

Amos 'n' Andy (WJZ Chain). 7. NBC Chicago and Pacific. 10. 8.
"Real Folks" (WJZ Chain). Present "The Taming of the Shrew." 9:30.
"The Blanched Soldier" (WEAF Chain). Sherlock Holmes adventure. 10. Repeated for NBC Pacific. 8:15.
"Empire Builders" (Great Northern—WJZ—T). 10:30.

Talks

Lowell Thomas (WJZ Chain, CBS). 6:45, 8.
James G. McDonald (WEAF—T). Question period in "The World Today." 7:15.
"How's Business?" (WEAF—T). Merle Thorpe, business editor. 8.
Hon. Fiorello LaGuardia (WEAF—T). Empire State Congressman in "Fifteen Minutes in Nation's Capital" period. 8:15.

Recital

Phil Cook (WJZ—T). A one man show. 7:30.

Daytime Programs

Parnassus String Trio (WEAF Chain). 9 a. m.
"Morning Glories"; "Three Little Maids" (WJZ Chain). String trios, 9:15, 9:30 a. m.
Organ Melodies (WJZ Chain). 11:30 a. m.
"Os Wings of Song" (WEAF Chain). String trio. 12 noon.
"The Play's The Thing" (WJZ Chain). With "Old Timer" Harvey Hays, "the man with whiskers in his voice." 1:30.
Sisters of the Skillet (WJZ Chain). Humor and songs. 2:45.
Sixteen Singers, mixed chorus (WEAF Chain). 3:30.
United States Marine Band (WEAF Chain). 4.
"Rip Van Winkle" (WJZ—T). Children's story period. 6.

A NEW EFFORT TO PROVIDE A SAFE SHIP FOR $1000



AN ODD-LOOKING craft has sailed the skies above Miami recently, looking like nothing so much as a pair of soldier's chevrons in flight. New to many, it would look familiar to any New England aviation enthusiast who looked into the skies above Boston during 1916, for it closely resembles the tailless Burgess-Dunne seaplane of that period.

Forgotten for years, the design has now been revived and the present machine, the Arrowhead Safety Plane, has special interest as the last development upon which the late Glenn Curtiss, America's pioneer aviator, spent his efforts. Mr. Curtiss's idea was to develop an airplane that would become the flivver of the air, a plane safe for the masses and costing only about $1000.

Because of its unique construction this plane is extremely simple to handle and many ordinary dangers commonly associated with flying are eliminated. It is a biplane shaped like an arrowhead with practically no fuselage.

The wings slope backward some 30 degrees, giving perfect visibility in every direction. This overcomes many of the dangers in landing. The backward slope of the wings, together with other special features of wing construction give a degree of stability to the ship which cannot be attained in the conventional airplane. The ailerons at the tips of the wings perform all the functions of controlling members.

The plane uses a 30-horsepower motor. The top speed of ship is 65 m. p. h., while its landing speed is 22 to 28 m. p. h. in still air.

The ship now flying is a one place job; but another one is nearly ready which has two places, side by side with dual controls, to be used as an instruction plane. It is intended to make all future planes two place jobs.

The tailless plane cannot go into a tail spin and has no tendency to nose dive. It has absolutely dependable inherent stability in any weather and freedom from a tendency to get into dangerous maneuvers which require the skill and judgment of an expert pilot to extricate it.

All these features make this the ideal plane for training purposes and it will be put into use in that capacity by the International Aeronautical Industries, which has recently been chartered in Florida and which has already laid out in Miami one of the largest airports in the South.

While the idea of a tailless plane is not new, it having been discovered by Lieutenant Dunne of the British Army before the war, many new ideas and inventions are embodied in the Arrowhead Safety Plane. Samuel E. Taylor was responsible for introducing the idea to Glenn Curtiss, who began the development which has been completed by the Safety Aircraft Corporation.

The development program calls for the building of four planes of different types. Two will be biplanes and two will be monoplanes. Mr. Taylor thinks that the ultimate choice for the standard will be the monoplane. Of course the present cost of each plane is much over $1000 just to make. But it is estimated that within a year they will be on a quantity production basis and can then actually be sold for around $1000. The fact that the plane has no fuselage or tail mechanism cuts the cost considerably and the price of the motor is being reduced.

Flying Sausage

Observation Balloons to Have Motors

Washington

OPERATING army planes is expensive. Air Corps airplane costs range from $48.08 to $268.47 an hour, and the latter figure is not for one of the great cargo planes, but a single-engined amphibian. The hourly operating cost includes gas and oil, repairs and civilian employee salaries, in fact, everything but the pay of the pilot, and is based on a five-year useful life of the airplane.

The lighter-than-air division of the Air Corps, now in a dilapidated stage, is seeking $300,000 to replace worn-out equipment, so that the small airship pilots can carry on training tactics.

A radical development contemplated if the appropriation is allowed is a motorized observation balloon. It will be propelled by a single engine and will eliminate a waste of time in lowering and raising the bag by the present means of winches. Thus powered the craft will be able to cut loose from one ground winch and fly to another, where it will be moored until its mission is completed.

Flying Interest Progresses

LONDON—The service which was maintained three days a week in each direction during the three summer months between Croydon and Birmingham, Manchester and Liverpool, has inspired other towns to inquire on the subject of air services. As landing grounds increase in number so will inter-town taxi services, it is expected.

CHICAGO TRACTION DEPOSITS

The time limit for deposit of securities of the Chicago traction companies to be consolidated into the Chicago Local Transportation Company has been extended to March 31.

Only 17 Lawyers in Chicago—in 1837

SPECIAL FROM MONITOR BUREAU

CHICAGO, Feb. 27—The ninety-fourth anniversary of the big day when Chicago, a town of about 4000 inhabitants, got its city charter from the Legislature, is to be celebrated March 4, the Chicago Historical Society announces.

What a small city Chicago was at that time is pictured in the society's records. A census of the year 1837 showed four warehouses, 398 dwellings, 29 dry goods stores, three drug stores, 19 groceries, 10 taverns, 17 lawyers' offices, and five churches.

"Still the prairie schooner and the ox-drawn team could be seen on the streets," the society notes. "And everywhere was mud.

"William B. Ogden, a dignified and courtly gentleman, was the first Mayor. The city fathers met in a room in the Saloon Building."

The gavel which Mayor Ogden used to call the first meeting of the Council is preserved by the Historical Society.

An Observatory in Cloudland

A Bird's-eye View of the Weather Is Sought

WASHINGTON

RUMBLINGS of some new and progressive change in daily routine have been issuing from an old red brick structure in Washington for some time past. It houses the United States Weather Bureau, and plans are now in the making to take off in airplanes from widely selected fields each day, with aerographs to amplify the data of the weather observer.

The latest handbook with its official "Instructions for Making Aerological Observations" for the United States Weather Bureau, contains six pages of very interesting reading matter and photographs of this new technique in the air, and orders for 50 of the aerographs have been placed with a firm in Baltimore.

Coincident with the efforts of the Guggenheim Foundation for Aeronautics to interest the officials under Professor Marvin in the needs of the aviators for more frequent and detailed flying weather reports several years ago, there was established a modern airways system on the west coast, that indicated the high level of achievement in frequent reports for the pilots.

As a result of this experimental system of obtaining better and more frequent weather reports for aviators, a project was developed in conjuction with all interested government bureaus. These included the army, and the navy; the weather bureau and others, while experts of the American Telegraph & Telephone Company were hard at work to evolve a method of communication which later resolved itself into the present teletype system, now being installed all over the airways net.

Following the completion of the report, and the presentation to Congress, an appropriation was made of $350,000 for better weather reports for fliers. And subsequent to all these activities, it is apparent the officials of the United States Weather Bureau became interested in the possibilities of using airplanes for some part of their daily statistics, since it was learned that this method was quicker and in some respects more efficient, than the old.

One of the chief drawbacks to the latter, was the fact that the seven fields utilized for the reels and kites system had copper wires over them that went up as far as 2500 meters, or roughly to 10,000 feet. They were placed at an angle to the field itself, and thus became more or less invisible to the incoming pilot, who found himself caught in a fog or storm, and fancied that this field was a safe one to land on.

All such weather bureau fields were located at remote and out-lying sections of the country, supposedly far removed from contact with the aviator. They were duly posted in the Airways Bulletins, but in emergencies, proved a delusion and a snare that was constantly growing more of a menace to the unwary flier.

As the aerographs are to be delivered to the Weather Bureau in about eight weeks, it is probable that the advertisements of this new venture will be placed in various sections for the requisite period, long before that. It had been intended to have the pilots make the daily flights up to about 14,000 feet, leveling off at each 500 feet in order that the instruments would have an opportunity to record the data for each level. However, it is now planned to try out a less ambitious program of flights up to only 3000 feet, which is far less helpful, and of comparatively little use in obtaining records on the "winds aloft" score.

Each of these aerographs is arranged to record simultaneously the pressure, humidity, and temperature of the atmosphere, and is especially adapted for use on airplanes and dirigibles.

Recording weather conditions by airplane is of great advantage because it requires less time, and flights can be taken in calms or in light winds, whereas kites are flown under difficulties at such a time. Far greater heights can be reached by plane than by kites, and other observations, as to cloud formations, haze, fog, or similar phenomena can be noted by the pilot.

For several years past, the U. S. Navy has made regular flights each day with these aerographs at the naval air stations at Anacostia, Pensacola and at San Diego, with great benefit to the forecasters of the Weather Bureau. More recently, an aerograph was carried on the Cleveland-New York run of the National Air Transport, in coöperation with the Weather Bureau at Washington.

Wild Burning Gas Well Put Out by Explosion

WEWOKA, Okla., Feb. 27 (AP)—An explosion of nitroglycerin blew out the fire at an uncontrolled gas well of the Deep Rock Oil Corporation one mile south of here today.

The charge, placed within a foot of the mouth of the well in an iron carriage, was fired by electricity.

As the explosion came the flames appeared to hover in the air 100 feet above the ground. Then the smoke cleared and there was left only the spouting clear gas from the well.

Mr. Kinley, well tamer and fire fighter in charge, estimated five or six hours would be required to cap the well with its flow of 81,000,000 cubic feet of gas a day.

The fire began Tuesday afternoon when a separator exploded.

Restaurants

BOSTON

DINE AT THE ASTORIA CAFETERIA
252 MASS. AVENUE, BOSTON

BLUE SHIP TEA ROOM
TIP OF T WHARF
LUNCHEON TEA DINNER
Tel. Richmond 1775
MISS DALRYMPLE—Skipper

Cafe de Paris
12 HAVILAND ST. Off Mass. Ave. & Boylston St.
(Our only Boston Restaurant)
LUNCHEON, 35c DINNER, 50c
SPECIAL SUNDAY DINNER, 50c and 75c

DINE AT The MYLES STANDISH
Bay State Road at Beacon Street
In our English Room
You are assured of the best food the market affords.
Served a la Carte or Table d'Hote
SPECIAL SUNDAY DINNERS
COM monwealth 4500

NEW YORK CITY

THREE ATTRACTIVE TEA ROOMS
The Vanity Fair, 4 West 40th St.
The Vanity Fair, 3 East 38th St.
The Colonia, 379 Fifth Ave.
Dinner at 4 W. 40th St. 5:30 to 8
$1.00 and $1.25

Spring Showing of Dresses Coats Suits and Accessories
H. G. Lewis & Co.
ATLANTA

DAVISON-PAXON'S
Spring Silks
are
"As Always All Perfect"
DAVISON-PAXON CO.
ATLANTA—Affiliated with MACY'S, New York
Atlanta

Whitman's Laundry
"Boots the Dutch"
Independent—Progressive—Competitive
As an example of WHITMAN SERVICE—
Every shirt that is starched and ironed is also inspected carefully. If one button is missing it is immediately sewed on.—collars are starched just right—cuffs properly treated—everything possible done to prevent frayed edges.
A phone call will bring a representative to your door.
Ja 0414 ATLANTA

WHEN you purchase goods advertised in The Christian Science Monitor, or answer a Monitor advertisement—please mention the Monitor.

For prompt, expert, sanitary laundry and dry cleaning service
Phone WAlnut 7651
PIEDMONT LAUNDRY AND DRY CLEANING COMPANY
ATLANTA, GA.
Out-of-town customers promptly served by express or parcel post.

Hosiery
Beautiful medium weight hosiery; fine gauge; garter run stop; full fashioned; perfect; newest colors. $1.00
Ask for color card.
Mystyle Hosiery Shops
Atlanta
10 Peachtree St. 116 Alabama St.
136 Peachtree St. 37 Whitehall St.

RICH'S IS FAMOUS FOR THE Excellent Cuisine of the Tea Room!
RICH'S Inc.
ATLANTA

Sale of 1000 SIMMONS BEAUTYREST mattresses
ONLY $5 REQUIRED BALANCE MONTHLY
All Simmons Products Attractively Priced
Duffee-Freeman FURNITURE OF CHARACTER
Corner Broad and Hunter, ATLANTA

Thriftiness has much to do with your happiness
Practice it by buying your PURE FOOD PRODUCTS from
ROGERS
GEORGIA ALABAMA SOUTH CAROLINA

Intercollegiate, Club and Professional Athletic News of the World

MIXSELL STARS IN U. S. AMATEUR

Defeats R. J. Larner in Three Straight Games at Squash Tennis

SPECIAL FROM MONITOR BUREAU

NEW YORK, Feb. 28—Harold R. Mixsell, Princeton Club, United States veteran champion, was the star performer in the opening day of play in the final event of the squash tennis season, the United States amateur championship, at the New York Athletic Club, yesterday, when the opening matches were played. He proved that he must still be reckoned with in the first 10, by defeating Robert J. Larner, of the younger group now prominent in the Yale Club, in three straight games, scored at 15—7, 15—12, 15—11, and stands a good chance of reaching the quarter finals at least.

Only one of the seeded players, Burdett H. O'Connor of the Crescent Athletic Club, played, and won in straight games from Seymour L. Samuels of the City Athletic Club, who is still in the Class B ranks. The score was 15—3, 15—9, 15—9.

Through a misunderstanding, Frank Barry Ryan of the Short Hills Club was omitted from the draw, and the withdrawal of Lambert Prettyman allowed his inclusion. He defeated Leonard A. Strasser of the City Athletic Club, former United States Class C champion, after a terrific struggle, 15—11, 12—15, 15—1, 15—13. The summary:

UNITED STATES SQUASH TENNIS AMATEUR CHAMPIONSHIP—First Round

B. H. O'Connor, Crescent A. C., defeated S. L. Samuels, City A. C., 15—3, 15—9, 15—9.

H. R. Mixsell, Princeton Club, defeated R. J. Larner, Yale Club, 15—7, 15—12; 15—11.

C. W. Fyfe, Crescent A. C., won from F. A. Sieverman Jr., N. Y. A. C., by default.

C. J. Mason Jr., Harvard Club, defeated Prescott Evarts, Yale Club, 16—18, 18—14, 15—3, 15—6.

R. W. Georgi, New York A. C., defeated Arthur Gaines, Yale Club, 15—11, 15—10, 13—15, 15—8.

Frank Barry Ryan, Short Hills Club, defeated Leonard A. Strasser, City A. C., 15—11, 12—15, 15—1, 15—13.

THOMPSON OF YALE WINS JUNIOR EPEE

SPECIAL FROM MONITOR BUREAU

NEW YORK, Feb. 28—George W. Thompson Jr., of Yale University, is the new junior épée fencing champion of the United States. After a series of battles which required fence-offs all the way through, including the final round, he captured the title at the New York Athletic Club yesterday. Tracy Jaeckel, former Princeton star, now representing the Fencers Club of New York, was second, with Philip V. Lubert of the University Fencers Club, third.

Twenty-one candidates appeared for the matches, including representatives of Philadelphia, United States Military Academy, Princeton, the north New Jersey division, including Newark; as well as the full Yale team from the Connecticut division. They were first divided into four groups of five or six, with three survivors from each, then into two semifinals of six each, and the final six. The division was as follows:

Strip 1—Wallace H. Goldsmith, Fencers Club; G. E. Greenway, Yale University; Michael Michalow, New York University; Cadet Gustave Heiss, United States Military Academy; Casper F. Hegner, unattached. Goldsmith and Hegner, with three wins and no losses and Heiss, who conquered the other two, qualified.

Strip 2—Tracy Jaeckel, Fencers Club; Daniel G. Marvin, Princeton University; Peter W. Bruder, Salle de Armes Vince; Walter Grautoff, New York University; Arthur Federici, North New Jersey. Jaeckel qualified first, with three wins, while Grautoff and Marvin qualified over Bruder, as the result of a fence-off following a tie with two wins each.

Strip 3—George W. Thompson Jr., Yale University; Dr. Merriman Lynch, Penn A. C.; Denholm D. McKie, Fencers Club; Philip V. Lubart, University Fencers Club; Cadet Charles Howse, United States Military Academy; Edwin S. Dow, Saltus Fencing Club. Thompson and Lynch, with four victories each, and Lubart, after a fenceoff with McKie and Howse, each having won twice, were the survivors.

Strip 4—Archibald H. Busby Jr., Yale University; José A. de Capriles, University Fencers Club; Gerald I. Cetrulo, North New Jersey; J. T. Wilbur, United States Marine Corps; Lieut. Charles J. Barrett, United States Military Academy. Busby qualified first, with three wins; while de Capriles and Cetrulo won in a fenceoff over Wilbur, after all three had won twice.

Goldsmith, Hegner, Heiss, Marvin, Thompson and Lubart were in the first semifinal, with Hegner, Thompson and Lubart the survivors with three wins each, to two for each of the others.

In the second semifinal strip a fence-off was necessary, with Grautoff and Jaeckel qualifying first, with four victories out of five, while Busby, de Capriles and Lynch, with two each, fought out the third place, Busby being the winner, while Cetrulo was eliminated on the regular series.

Thompson, Hegner and Lubart each won three times in the regular final strip as did Jaeckel with a double touch between the last pair. On the fence-off, Thompson defeated each of the other three, while Jaeckel disposed of Hegner and Lubart, and Lubart took third with a win over Hegner. The summary of the final round:

George W. Thompson Jr., Yale University, defeated Hegner, Grautoff, Busby, and on fence-off, Lubart, Hegner and Jaeckel.

Tracy Jaeckel, Fencers Club, defeated Grautoff, Thompson, Busby, double touched Lubart and on fence-off defeated Hegner and Lubart.

Philip V. Lubart, University Fencers Club, defeated Thompson, Grautoff, Busby, double touched Jaeckel, and on fence-off defeated Hegner.

Casper F. Hegner, unattached, defeated Lubart, Grautoff and Jaeckel.

Walter Grautoff, New York University, defeated Busby.

Archibald H. Busby Jr., Yale University, defeated Hegner.

KENTVILLE SIX WINS SERIES FINAL, 7 TO 2

Superior in every department of the game, the Kentville (N. S.) hockey team defeated the University Club six of Boston in the Boston Arena Friday night in the second and final game of the short series between the two teams. The score of the contest was 7 to 2. Despite the fact that the University Club took the opening game on Wednesday night, 5 to 3, Kentville wins the series, 10 goals to 7.

The Clubmen were handicapped some by the loss of Bigelow, their regular left defense player, who was forced to leave the game late in the first period. But even at full strength it is doubtful if the Boston team could have held the visitors, for they were skating very fast and the forward lines were back checking so effectively that the losers found it a problem to get by center ice.

Ferguson, left wing for the visitors, was the scoring star of the game with five goals, one in the first period, one in the second and three in the third. Mosher had one goal in the final session and assisted Ferguson in the first score. Thompson, Gross, Lenher and Beasley also were credited with assists, while McGlashen had a goal. Stubbs and Curtis scored for the losers and Chase furnished both assists.

KENTVILLE (N. S.) UNIVERSITY CLUB

Ferguson, McGlashen, lw..rw, Curtis, Stubbs
Mosher, Beaton, c..........c, Chase, Hollard
Beasley, Lenher, rw........lw, Hunt, Hilliard
McNeil, ld....................rd, Fitzgerald
Gross, Thompson, rd
ld, Bigelow, Clark, Saltonstall
Leopold, g..........................g, Newell

Score—Kentville (N. S.) 7, University Club 2. Goals—Ferguson 5, McGlashen, Mosher for Kentville; Stubbs, Curtis for University Club. Assists—Mosher 2, Thompson, Gross, Lenher for Kentville; Chase 2 for University Club. Referees—Synnott and Foley.

Stack Takes Lead in Speed Skating

NORTH AMERICAN INDOOR SPEED SKATING STANDING

SENIOR MEN

Skater and Home	Points
Frank Stack, Chicago	60
M. E. Johnson, Detroit	30
P. H. Johnston, Toronto	20
A. T. Hurd, Toronto	20
T. H. McCarthy, New York	20
E. J. Schroeder, Chicago	10
R. L. Murray, New York	10
B. F. Taylor, New York	10

SENIOR GIRLS

	Points
Dorothy Franey, St. Paul	30
Elizabeth Du Bois, Chicago	30
Helen Bina, Chicago	30
Elsie Muller, New York	30

SPECIAL FROM MONITOR BUREAU

CHICAGO, Feb. 28—Frank Stack of this city jumped into the leadership with 60 points for the men's senior indoor North American speed-skating championships when he won two of the three events at the Chicago Stadium here last night. Stack won the 440-yard race in 39.2s. and the three-quarter mile in 2m. 21.2s. The Chicago boy included among the vanquished in both races Ross L. Robinson of Toronto, Can., the North American outdoor champion, who performed well in preliminaries, but had trouble on the turns in the finals and failed to place in either contest.

Melvin E. Johnson of Detroit won the two-mile jonrney in 6m. 44.4s. The senior girls' took turn about in two events, and as a result four are tied with 30 points each. Dorothy Franey of St. Paul won the half-mile race in 1m. 36s., while Miss Elsie Muller of New York won the three-quarter mile in 2m. 26.6s.

Two seconds were clipped from the United States intermediate record for the half-mile by Edward Stundle of this city when he won a heat in 1m. 23.4s. Stundle, who is the North American and Canadian outdoor champion, failed to finish in the final. Richard Smythe of Detroit won the event in 1m. 24.6s., which is eight seconds faster than the record. The summary:

440-Yard Men's Senior—Won by Frank Stack, Chicago; P. H. Johnston Jr., Toronto, second; E. J. Schroeder, Chicago, third. Time—39.2s.

1320-Yard Men's Senior—Won by Frank Stack, Chicago; T. H. McCarthy, New York, second; R. L. Murray, New York, third. Time—2m. 21.2s.

Two-mile Men's Senior—Won by M. E. Johnson, Detroit; A. T. Hurd, Toronto, second; B. F. Taylor, New York, third. Time—6m. 44.4s.

880-Yard Girls' Senior—Won by Dorothy Franey, St. Paul; Elizabeth du Bois, Chicago, second; Helen Bina, Chicago, third. Time—1m. 36s.

1320-Yard Girls' Senior—Won by Elsie Muller, New York; Helen Bina, Chicago, second; Elizabeth du Bois, Chicago, third. Time—2m. 26.6s.

QUEEN'S UNIVERSITY WINS ON COURT, 44-21

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

KINGSTON, Ont., Feb. 28—Queen's University won its second successive game in the senior Canadian Intercollegiate Basketball League, here, on Friday, when it defeated University of Western Ontario by 44 to 21. The winners scored within a minute of the opening whistle, and, led by Elliott and McLaughlin, they steadily drew away.

Queen's led at half-time by 21 to 11, and at no time did the visitors threaten to take the lead. Both teams were off in their shooting, but Western Ontario did not have half as many shots on the basket as had the winners. The summary:

QUEEN'S WESTERN ONTARIO

Hallett, lf..........................rg, Gunn
Elliott, rf...........................lg, Young
Carter, c.............................c, Mannass
McLaughlin, lg....................rf, Beaton
Bews, rg..............................lf, Ward

Score—Queen's University 44, University of Western Ontario 21. Goals from floor—Elliott 7, McLaughlin 4, Carter 2, Bews 2, Hallett, McGill for Queen's; Beaton 3, Ward 3, Gunn, Young, Hauch for Western Ontario. Goals from foul—McLaughlin 4, Elliott 2, Hallett 2, Bews, Fenwick for Queen's; Beaton, Ward, Young for Western Ontario. Spares—Rose, McGill, Fenwick for Queen's; Barbour, Farquharson, Hauch, Lee for Western Ontario. Referee—P. Miller, Toronto.

INTERNATIONAL HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Buffalo	25	5	10	94	60	55
Windsor	21	6	15	121	100	48
London	19	5	16	81	71	43
Cleveland	18	6	15	100	89	42
Pittsburgh	16	9	15	85	92	41
Detroit	15	1	24	78	103	31
Syracuse	9	4	28	94	138	22

RESULT FEB. 27

Windsor 4, Syracuse 2.

ONTARIO HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Stratford	13	2	10	83	69	28
Guelph	13	1	12	78	74	27
Kitchener	12	2	12	65	82	26
Galt	12	2	12	80	92	26
Niagara Falls	11	2	12	69	63	24
Oshawa	10	2	13	76	71	22

RESULTS FEB. 27

Oshawa 5, Niagara Falls 1.
Guelph 4, Galt 2.
Stratford 3, Kitchener 2.

PACIFIC COAST HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Seattle	12	9	8	52	44	33
Vancouver	12	8	8	48	44	32
Portland	9	8	12	47	47	26

RESULT FEB. 27

Seattle 2, Portland 0.

MISS ENGLAND II SHIPPED

LONDON, Feb. 28 (AP)—The motorboat Miss England II, in which the racing driver, Kaye Don, will attempt the defense of Great Britain's water speed record at Buenos Aires, was shipped aboard the liner Stuart Star, which sailed for South America yesterday.

COLLEGE HOCKEY RESULTS

Boston 3, New Hampshire 1.
Michigan 3, Minnesota 1.

COLLEGE WATERPOLO RESULT

Northwestern 8, Michigan 5.

COLLEGE FENCING RESULT

Pennsylvania 5, Hamilton 4.

COCHRAN WINS FIFTH STRAIGHT

Hoppe Still Second in International Balkline Billiard Tourney

INTERNATIONAL 18.2 BALKLINE BILLIARD CHAMPIONSHIP

Player	Won	Lost	H.R.	Grand Av.
W. Cochran	5	0	211	28 40-70
W. F. Hoppe	4	1	217	30 2-65
K. Matsuyama	1	4	159	18 8-88
E. Hagenlacher	0	5	167	21 31-57

NEW YORK, Feb. 28 (AP)—Still in unbeatable form, Welker Cochran of Hollywood marked up his fifth straight victory in the international 18.2 balkline billiard tournament last night, defeating Eric Hagenlacher of Germany, 400 to 147, in seven innings.

After Hagenlacher had opened the match with a blank, Cochran ran 92 in his first inning, added 52 in the third, 43 in the sixth and closed out the short-lived battle with a brilliant unfinished cluster of 211 in the seventh inning. In the face of this brand of play, Hagenlacher, who already had lost four straight games, was helpless. He clicked off runs of 54, 45 and 39, but they were of little avail. The inning score:

Welker Cochran—92 0 52 1 1 43 211—400. High run—211. Average—57½.
Eric Hagenlacher—0 8 54 45 1 39 0—147. High run—54. Average—21.

W. F. Hoppe, veteran New York star, defeated Kinrea Matsuyama of Japan 400 to 366, in a 27-inning game. It was Hoppe's fourth victory in five starts.

The Japanese star took a commanding lead in the early innings, running 99 in the eighth inning and 110 in the ninth; but he slipped badly after this start. The run of 110 was high run for the match. After that his aim became poor and his stroke heavy and he was not able to get many good runs. Hoppe's high run of 76 in the twenty-second inning put him in the lead; but he was unable to retain control of the balls, missing on a bank shot, and had to go several more innings before a run of 15 put him out. Score by innings:

W. F. Hoppe—4 0 0 0 0 15 15 38 16 50 42 2 19 0 5 0 16 0 14 26 2 76 11 1 8 0 15—400. High run—76. Average—14 22-27.
Kinrea Matsuyama—20 0 0 2 4 22 0 99 110 1 1 6 15 1 1 30 0 1 1 1 0 46 0 4 8 2—366. High run—110. Average—14 2-26.

LOTT BEATS TAPIA IN THE SEMIFINALS

MIAMI BEACH, Fla., Feb. 28 (AP)—The Latin-American threat was removed from the Pan-American tennis championships yesterday when George M. Lott Jr., Philadelphia, seeded player in the tournament, eliminated Ricardo Tapia, Mexican star, in singles semifinals play, 6—1, 6—2, 6—0.

Lott then teamed with John W. Van Ryn, Rosemont, Pa., to defeat Tapia and Gustavo Vollmer, Cuban ace, 6—1, 6—1, 7—5 in doubles.

The United States Davis Cup player was on top all the way, and climaxed his straight set victory by taking a love set.

In the doubles, Lott and Van Ryn went through their first two sets without difficulty and then apparently eased up until Tapia and Vollmer were leading 4—2 in the final set. The United States players won two games to even the score at four-all and after Tapia and Vollmer added another game, Lott and Van Ryn swept in with three successive victories for the set and match. The United States team lost but five points in a final three-game splurge.

In the other semifinal doubles match, J. Gilbert Hall, Orange, N. J., and Marcel Rainville, Montreal, eliminated Carroll Turner and Gus Feuer, Miami, 4—6, 6—0, 6—3, 6—3.

LEADING HOCKEY SCORERS
(Including Games of Feb. 27)

NATIONAL LEAGUE

Player	Team	Goals	Assts	Pts
Morenz,	Canadiens	24	19	43
Goodfellow,	Detroit	22	18	40
W. Cook,	Rangers	29	10	39
Boucher,	Rangers	10	24	34
Stewart,	Montreal	22	11	33
F. Cook,	Rangers	16	16	32
Conacher,	Toronto	20	9	29
Primeau,	Toronto	4	25	29
Joliat,	Canadiens	11	18	29
Weiland,	Boston	17	11	28
Oliver,	Boston	14	14	28
Jackson,	Toronto	16	12	28

AMERICAN LEAGUE

Player	Team	Goals	Assts	Pts
Brydson,	Chicago	27	6	33
LaFrance,	Tulsa	22	9	31
Scott,	Duluth	21	10	31
Sheppard,	Tulsa	18	9	27
Thorsteinssen,	Buffalo	13	11	24
Leswick,	Duluth	18	6	24
Williams,	Tulsa	12	11	23
Moffatt,	Tulsa	14	8	22
Bouchard,	Buffalo	15	6	21
Burns,	Chicago	12	9	21
Forslund,	Duluth	13	8	21

INTERNATIONAL LEAGUE

Player	Team	Goals	Assts	Pts
Robinson,	Windsor	35	16	51
Holmes,	Syracuse	14	24	38
Doraty,	Cleveland	18	16	34
Duguid,	Windsor	20	13	33
Martin,	Buffalo	24	9	33
Gray,	Cleveland	24	6	30

PACIFIC COAST LEAGUE

Player	Team	Goals	Assts	Pts
Savage,	Seattle	8	6	14
Conn,	Portland	7	7	14
Downie,	Portland	11	3	14
Jerwa,	Vancouver	10	3	13
Walker,	Seattle	2	10	12
Anderson,	Seattle	10	2	12

CALIFORNIA LEAGUE

Player	Team	Goals	Assts	Pts
Harper,	Sheiks	16	16	32
D. Carrigan,	Los Angeles	12	18	30
Peltier,	Los Angeles	14	15	29
Anderson,	Sheiks	14	12	26
D. Cummings,	Checkers	12	11	23
Irving,	Checkers	15	6	21
Filkin,	Los Angeles	14	6	20
Scott,	Black Hawks	8	10	18
Headley,	Black Hawks	9	9	18
Huffman,	Sheiks	8	10	18

CANADIAN-AMERICAN LEAGUE

Player	Team	Goals	Assists	Pts
Heximer,	Springfield	29	20	49
Gaudreault,	Providence	19	15	34
Hart,	Providence	21	11	32
Burke,	Boston	16	15	31
Boyd,	Boston	15	11	26
Cook,	Providence	15	10	25
Heller,	Springfield	14	11	25
Dillon,	Springfield	9	15	24
Seibert,	Springfield	15	7	22
Benson,	Springfield	10	12	22

ELEANOR GOSS WINS FINAL

PALM BEACH, Fla., Feb. 28 (AP)—Eleanor Goss of Kew Gardens, L. I., won permanent possession of the Flagler Trophy, when she annexed her third Florida tennis championship here yesterday by defeating Mrs. John W. Van Ryn, Rosemont, Pa., in the finals, 6—1, 7—5. Miss Goss won the trophy the first time three years ago. In 1929 she repeated.

OHIO UNIVERSITY WINS TITLE

GRANVILLE, O., Feb. 28 (AP)—Ohio University won the Buckeye Conference basketball championship by defeating Denison University, 28 to 17, in the final game of the season last night.

COLLEGE SWIMMING RESULTS

Amherst 40, F. & M. 22.
Columbia 40, M. I. T. 24.
Iowa 58, Wisconsin 15.
Michigan [illegible], Northwestern [illegible].

SPORTS CHINA

INTERNATIONAL SPORTS IN CHINA

Shanghai

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MORE than 50 nationalities gathered in the famed International Settlement of Shanghai have made it possible for this city of more than 3,000,000 to claim the distinction of being a great world international sports center. Shanghai's cosmopolitan atmosphere has been well advertised by tourists who stop over here, but few are aware of the position this city holds in the world of sports.

English, Scots, Americans, French, Japanese, Germans, Russians, Indians, Portuguese, Irish, Parsees, Italians and practically every other nationality on the face of the earth have athletic teams of some description in action here, whether it be on one of the city's numerous outdoor fields or one of the spacious indoor courts.

Ideally located on the central east coast of China and in a temperate climate, Shanghai's distinct seasons of the year permit just about every branch of known sport. The foreign population in the settlement here, gathered from the four corners of the globe, is given the opportunity to witness or participate in the favorite pastimes learned back in merrie old England, sunny France, or whatever the case may be.

A Melting Pot of World Sports

In no other phase of life is this internationalism in Shanghai carried out so completely as in the realm of sports. No fewer than 20 different sporting pastimes in amateur competition have made this city a melting pot of world sports. Should they so desire, the tourists who touch Shanghai in their wanderings might witness any number of games which they never thought existed. Add to these 20 amateur brands of sport numerous professional games that run from season to season and you begin to realize what versatility in sport coverage can mean.

Soccer football headlines the long list of popular sports seen regularly in Shanghai. This is closely followed by Rugby, basketball, hockey, polo, hard-court and lawn tennis, track and field. Baseball is holding its popularity, while American football is growing by leaps and bounds. The Fourth Regiment of the United States Marine Corps stationed here produces strong gridiron elevens, and has found it difficult to find worthy foes in this rugged American sport. As a result, numerous marine Rugby teams have been organized, and the "Yanks" have more than held their own with their English friends, recognized as the leading exponents of the game.

In addition to baseball, cricket and numerous nautical sports are the chief summer pastimes. One finds swimming, yachting, waterpolo, rowing, lacrosse, badminton, volley ball, golf, bowling, rifle and pistol shooting, lawn bowls, handball, etc., from which to choose his competitive entertainment. And then bringing up the rear are bicycle racing, Marathon walking and Marathon running.

In view of the fact that the British outnumber other nationalities in the International Settlement, it is quite natural that the English influence should predominate in sports, as it most certainly does in the city's business and commercial life. Soccer football, Rugby, cricket and hockey are the most widely played outdoor games, and will likely continue to be for many years.

Basketball Is Very Popular

Of all the American sports introduced in Shanghai, basketball is undoubtedly the most popular. The Chinese, especially, have taken to this fast indoor game. Cage standards are rapidly improving along with more efficient officiating. At present there are 60 basketball teams participating in an open league here. A majority of the games are played at the "Foreign Y. M. C. A." auditorium, and interest this season is running high.

The Public Recreation Ground, which covers a large area inside the race track of the Shanghai Race Club, located in the heart of the city, is the usual venue of the greatest activity during the week-end. Here on Saturdays and Sundays the devotees of the different branches of sports make their headquarters. More than a half dozen games are in progress at the same time.

As one enters the entrance gate on Nanking Road, near the "New World," he sees a large crowd lined around a soccer field, watching a game between a British Army eleven and a civilian club. To the American who visits the Recreation Ground for the first time, he is surprised to find no stands provided for spectators. The spectator is forced to stand through the game, and if he tires of one performance, he may walk on a short distance to another field to witness another engagement.

Farther on he finds another soccer tussle, and just across on an adjacent field is a hockey game in progress. On the opposite end of the grounds are several Rugby fields. On these Scotland, Ireland, England, the United States Marines, Shanghai police and many other teams battle for supremacy.

Shanghai Girls Keen for Sports

Farther down toward the south end of the grounds another soccer game is under way. This is probably a fixture of the junior league, as most of the players are youngsters and the standard of play is not so high. Leaving the youthful Ruggerites, one comes to the polo ground, where another Rugby game is in progress. The British pastime has a large following in Shanghai, and there is an interport series between Shanghai, Hong Kong and Tientsin.

In small adjacent fields are seen hockey contests for the gentler sex. Shanghai girls are as keen for sports as their sisters elsewhere in the world. Hockey, basketball, tennis, swimming and volley ball are but a few of the popular games local women participate in.

In addition to these fields of sports, there are two more inside the race course, one of which belongs to the Shanghai Cricket Club and the other to the Shanghai Recreation Club. These grounds are usually occupied by major sporting events during the week-end.

The ground near the entrance is turned into a baseball diamond during the summer months. The American national pastime is played with enthusiasm by American "exiles." This is the home ground of the Shanghai Amateur Baseball Club, the members of which are civilians, American business men who are reluctant at hanging up their gloves. Baseball is played here by the United States Marines, American business men, Japanese and Chinese. The Chinese learn the game in college here.

Major soccer contests are staged at a huge stadium in the western district. Upward of 15,000 spectators have been known to turn out for a big game. The Canidrome, another big open-air arena, likewise draws a large share of sporting events.

With this array of sporting talent, Shanghai has been able to introduce into the whole of Asia the sports of the world. Games which have grown into popularity here are in turn carried on to other coast cities and into the interior. Local enthusiasts have played a leading part in making Shanghai the gateway to the Far East from the standpoint of competitive sports.

NEW YORK A. C. IS NEW TEAM CHAMPION

SPECIAL FROM MONITOR BUREAU

NEW YORK, Feb. 28—The team of the New York Athletic Club is the new team champion of the Metropolitan Squash Tennis Association. Its representatives won the playoff for the title yesterday from the Columbia University Club, the title holders for the past three years, on the Yale Club courts, after yesterday's losers had defeated the new champions in the final round of the regular schedule, on the Columbia Club courts on Wednesday.

Both teams used the same lineups exactly as on Wednesday, and the shift from 5 to 2 in favor of the Columbia Club, the score on Wednesday, to 4 to 3 in favor of the new champions, was accomplished through the defeat of the Haines brothers, Rowland B., and Dallas W., who won on the first match, but lost yesterday.

The other matches went as on Wednesday, though in every instance the New York Athletic Club players made a better showing on the neutral courts than on the courts of their opponents.

Harry F. Wolf, United States champion, was the winner over Rowland B. Haines, in straight games, scored at 15—10, 15—12, while Frank M. Loughman, playing No. 5, accounted for Dallas W. Haines, 15—5, 11—15, 15—9.

Not until the final game had been played was the result determined, when J. B. Quincy, who was still in the Class C ranks a year ago, defeated R. H. Reutter, who has been a member of the former champion team for the last four years, 15—6, 15—12.

Wolf was altogether superior to Haines yesterday, and his work in the Yale Club courts found Haines unable to work his up-and-down drives with the success they had proved to be on Wednesday.

The hardest fight was in the battle between Barnwell Elliott, the new western champion, of the Winged Foot forces, and Philip T. Moore, the new sensation of the Columbia Club, which went to Moore after a three-game battle which was fought to the very end. Elliott led at 14—3 in the first game, only to be overtaken and forced out at 17—16, and then took the second game with ease. The final game found Elliott and Moore on even terms to nine-all, only to have Moore run out the remaining rallies, to win at 15—9. The summary:

NEW YORK A. C. 4; COLUMBIA U. C. 3

H. F. Wolf, New York, defeated R. B. Haines, Columbia, 15—10, 15—12.

P. T. Moore, Columbia, defeated Barnwell Elliott, New York, 17—16, 5—15, 15—9.

Edward G. McLaughlin, Columbia, defeated R. M. Kirkland, New York, 15—13, 18—14.

Patrick J. Cohalan, New York, defeated Frank R. Hanson Jr., Columbia, 15—5, 11—15, 15—9.

Frank M. Loughman, New York, defeated Dallas W. Haines, Columbia, 15—5, 12—15, 18—14.

Gardner Hirons, Columbia, defeated J. C. Lyons, New York, 18—14, 15—10.

J. B. Quincy, New York, defeated R. H. Reutter, Columbia 15—6, 15—12.

COLLEGE BASKETBALL RESULTS

Alabama P. I. 23, Virginia 26.
Brooklyn P. I. 25, Union 17.
Colgate 30, Penn State 27.
Dickinson 42, Muhlenberg 20.
Duke 31, Clemson 27.
Kentucky 33, N. C. State 28.
Missouri 26, Kansas 19.
Maryland 37, Louisiana S. U. 33.
M. I. T. 32, Pratt 23.
New Hampshire 30, Tufts 19.
North Carolina 23, Vanderbilt 21.
Oregon 29, Oregon State 22.
Ohio 28, Denison 17.
Pittsburgh 27, Carnegie Tech 25.
Queen's 44, Western Ontario 21.
Springfield 41, St. Stephen's 22.
St. Lawrence 48, Clarkson 28.
Tennessee 26, Alabama 20.
Washington 43, Idaho 34.

ROTHERT WINS DISCUS THROW

DUNEDIN, N. Z., Feb. 28 (AP)—Harlow P. Rothert of Stanford won the discus throw with a heave of 142ft. 5½in., yesterday in the New Zealand athletic championships, in which he, George S. Simpson of Ohio State and Rufus W. Kiser of Washington are competing. Kiser did not fare so well in the one-mile run, finishing fourth behind Bane, MacDonald and Lovelock in the slow time of 4m. 30s. Kiser made all the early running, but did not have the stamina to stand off the closing sprints of the three New Zealand runners. Simpson did not compete, the sprints being billed for today.

BIENNIAL TENNIS PROPOSED

PHILADELPHIA, Feb. 28 (AP)—Davis Cup tennis competition biennially instead of annually has been proposed to the International Lawn Tennis Federation by the South African Lawn Tennis Union, according to Paul W. Gibbons, Philadelphia, secretary of the United States Lawn Tennis Association. The proposal also contained a warning that the cup series ultimately will go into decline unless such a change is made. The proposal will be considered at the international federation's annual general meeting March 20. Gibbons is not in favor of the proposal.

ADAM COMOROSKY SIGNS

PITTSBURGH, Pa., Feb. 28 (AP)—Adam Comorsky, outfielder of the Pittsburgh National League baseball club, yesterday signed a one-year contract after a conference with club officials.

COLLEGE TRACK RESULT

Indiana 58 3-5, Minnesota 28, Northwestern 29½, Purdue 19½.

LEE AND DE ORO TIE FOR FIRST

To Meet in Playoff for Three-Cushion Billiards Trophy

NATIONAL THREE-CUSHION AMATEUR BILLIARDS STANDING

	Won	Lost	Best Game	High Run
Alfredo de Oro Jr.	4	1	66	6
Edward Lee	4	1	63	6
Charles Gill	3	2	44	7
Joseph Raleigh	2	3	58	8
Wallace Weil	2	3	98	4
Hugh S. Doran	0	5	..	5

SPECIAL FROM MONITOR BUREAU

NEW YORK, Feb. 28—Edward Lee of the New York Athletic Club will oppose Alfredo de Oro Jr., in the playoff for the national amateur three-cushion billiards championship at the New York Elks Club, tomorrow afternoon, as the result of the final game of the regular schedule, played last night. He defeated Charles Gill of the Clarksburg (W. Va.) Elks Club, 50 to 36, with good, consistent billiards, in 66 innings, to obtain the honor.

Wallace Weil of the Brooklyn Elks Club defeated his fellow Elk from Manhattan, Hugh S. Doran of the home club, 50 to 35, in the first game of the evening, in 98 innings. This brought him into a tie for fourth place with Joseph Raleigh, Amateur Billiards Club. The score by innings:

Wallace Weil—0 0 0 0 0 0 0 02 0 0 1 0 2 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0 0 3 0 0 1 2 1 1 0 0 0 0 2 1 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 4 0 0 0 0 0 0 3 0 0 0 3 0 0 0 1 0 1 1 0 0 1 0 2 0 2 0 2 3 2—50. High run—4. Innings—98.

H. S. Doran—3 0 0 0 0 0 0 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 2 1 1 0 0 0 0 1 1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 1 0 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 4 2 0 1 1 0 0 0 2—35. High run—4. Innings—97.

Edward Lee—1 0 0 0 0 0 0 0 0 0 0 1 2 0 0 6 3 0 1 2 0 1 3 0 0 1 0 3 0 1 0 0 0 0 0 0 5 0 0 0 1 1 0 0 0 0 0 1 0 1 0 1 3 3 0 0 0 1 0 2 2 0 0 2 1 1—Total—50. High run—6. Innings—66.

Charles Gill—2 1 0 1 0 1 0 0 0 0 2 1 1 0 0 0 2 0 1 1 0 1 0 1 1 0 0 0 1 4 0 0 0 0 1 0 1 0 0 2 1 1 1 1 0 1 0 0 0 0 0 1 0 1 3 1 0 0 0 0 0 0 0 0—Total 36. High run—4. Innings—65. Referee—Harry Wakefield.

International Aspect in Final

ORMOND BEACH, Fla., Feb. 28 (AP)—England and America will battle today for the South Atlantic women's golf championship, but contrary to expectations the match will not lie between the leaders of the respective teams.

Diana Fishwick, British leader, and Helen L. Hicks, who carried the American colors to victory in the Florida tournament at Palm Beach, last week, fell before the determined play of countrywomen yesterday.

Martha Parker, Spring Lake, N. J., who had not reached the top in Florida winter competition before, trimmed Miss Hicks 2 and 1. She won the right to meet Kathleen Garnham, London, Eng., who defeated Miss Fishwick, 3 and 2.

It was the first time the two English girls had faced each other. Miss Garnham was more consistent from the tees and excelled on the greens. She reached the turn 2 up on Miss Fishwick. Coming home, Miss Garnham was only one stroke over even fours, ending the match on the sixteenth green.

Miss Parker, who lost in the quarterfinals of the New York State tournament last summer to Miss Hicks, turned the tables yesterday.

Although she was longer from the tees, Miss Hicks could not get her putter working yesterday. She lost the second, fourth and thirteenth and halved the seventh because of three putts.

Miss Parker reached the turn 1 up by dint of skillful work around the greens. Lengthy putts on the twelfth, thirteenth and sixteenth enabled her to walk off the seventeenth green with the match.

Virginia Van Wie, semifinalist in the consolation flight, carded a fine 42—38—80 in her match with Jessie Firth, Liverpool, Eng., but was forced to go 20 holes before winning 1 up.

Jane Brooks, Nyack, N. Y., earned the right to meet Miss Van Wie in the finals by her 2 and 1 victory over Miss Marjorie White, London, Eng.

San Francisco Out of Hockey League

CALIFORNIA LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Sheiks	20	1	9	84	48	41
Los Angeles	13	5	11	61	59	31
Checkers	12	3	14	67	77	27
Black Hawks	9	2	18	61	87	20

RESULT FEB. 21

Los Angeles 1, Checkers 1, overtime.

RESULT FEB. 24

Los Angeles 2, Sheiks 2, overtime.

RESULTS FEB. 26

Checkers 4, Black Hawks 0.
Sheiks 1, Los Angeles 0.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

HOLLYWOOD, Calif., Feb. 28—At a meeting of the governors of the California Hockey League at Oakland Feb. 23 the franchise of the San Francisco Tigers was declared forfeited and the owner, Willie Ritchie, was ousted from any further membership in tht league. The action was the result of Ritchie's failure to comply with the regulations of the league constitution.

Don Cummings, formerly of the disbanded Tigers, has been signed by Berge Irving of the Oakland Checkers. A general shake-up of goalies has taken place in the various clubs. McDonald of the Los Angeles team was released by Owner Malwick and Broadfoot of the Black Hawks was secured in his stead. Hal Yorke of the defunct Tigers has been signed in Broadfoot's place.

Millionaires Tied, 1 to 1

Los Angeles Millionaires met the Checkers at Oakland, Feb. 21, and a 70-minute match resulted, 1 to 1. This was a fine exhibition of hockey, both teams showing excellent combination in repeated attacks and a great defense as well. Each goalie made 48 saves. A double pass, Don Cummings to Ellis to Ross Miller, gave the Checkers the lead midway of the second period. Just before the final minute of the third Ted Jacques of the Millionaires rushed from his station at left defense and successfully raised the puck past Goalie Vaughan to tie the score.

Los Angeles engaged in another tie game at Oakland, Feb. 24, when it clearly outplayed the Sheiks but could not defeat them. The final score was 2 to 2 the overtime producing no goals. Peltier shot both goals for the visitors, being assisted on the last one by Dan Carrigan, Harper and Bond earned the scores for the Sheiks. This is the first tie match played by the Sheiks this season.

Black Hawks Shut Out

Oakland Checkers soundly defeated the Black Hawks at the Iceland Rink in San Francisco, Feb. 26, by 4 goals to 0. Headley and Gagnon were prominent in the play of the Hawks and each were denied goals by the referee, that the spectators thought should count. Pool, Miller, and Ellis were point winners for the Checkers, the last-named player scoring from a sharp angle after drawing Vaughan out of position.

A listless encounter resulted at Los Angeles, Feb. 26, in which the Millionaires were defeated by Oakland Sheiks, 1 to 0. There was no life or action until the last period, when Huffman shot the puck to Hub Dafoe for the only score. The following 10 minutes developed a five-man attack by the home team but they were unable to tie or win.

Doeg and Bell in Bermuda Net Final

HAMILTON, Bermuda, Feb. 28 (AP)—Winning a pair of brilliantly played matches yesterday, John H. Doeg of Newark, N. J., first ranking tennis player of the United States, and R. Berkeley Bell, Dallas (Tex.) star, qualified to meet in the final of the annual Bermuda tennis championships.

Doeg defeated Herbert L. Bowman of New York, winner of the title for the past three years, 6—3, 6—4, 1—6, 6—1. Bell conquered Cliff S. Sutter of New Orleans, 6—2, 6—4, 6—3.

Marjorie A. Morrill of Dedham, Mass., reached the last round of both the women's singles tournament and the women's doubles. In the singles she defeated Molly Herland of Yorkshire, Eng., 6—3, 6—2. Miss Morrill and Penelope W. Anderson of Richmond, Va., paired in the doubles to beat Misses Robinson and Trimingham of Bermuda, 6—1, 6—3. Miss Herland and Virginia B. Rice of Boston reached the other final bracket in the women's doubles by defeating Sarah H. and Mianne Palfrey of Brookline, Mass, 7—5, 6—4.

Bowman, who last year retired the men's singles championship trophy by his third straight victory, played on even terms with Doeg until each had won three games of the first set on his own service. Then the husky American champion began to take command. He broke through Bowman's service for the first time and swept three straight games to take the set.

In the second set Doeg started out at a fast pace and his terrific service had Bowman baffled. The veteran made a fine stand, however, and came through to win the third set when Doeg eased up. The procedure was reversed in the final set, Bowman fading out quickly after Doeg had taken the lead. Both played good steady games and there was little choice between their baseline work, but the Newark youngster was the better shotmaker and was far superior at the net. Toward the close of the match he ran Bowman ragged, pulling him up to the forecourt then driving him back.

MICHIGAN SEXTET IS CHAMPION IN 'BIG TEN'

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ANN ARBOR, Mich., Feb. 28—By defeating the University of Minnesota hockey team here, Friday night, 3 to 1, the University of Michigan clinched the championship of the Western Conference. The Wolverines have won four games, lost two and tied one. The two teams will clash in the season finale tonight, but the Wolverines have won the title, regardless of the outcome of the final game.

MICHIGAN MINNESOTA

Reid, lw.................rw, Rayman, Rundell
Crossman, c...c, Todd, Johnson, Constantine
Schlanderer, Frumkes, rw
lw, Gibbs, Bergern, Gould
Williams, ld.................rd, Hollingsworth
Prous, rd....................ld, Connelly, Carlson
Tompkins, g.................................g, Jones

Score—University of Michigan 3, University of Minnesota 1. Goals—Reid 3 for Michigan; Gould for Minnesota. Assists—Crossman, Schlanderer for Michigan. Referee—J. W. Rashorne. Time—Three 20m. periods.

REFEREE'S DECISION UPHELD

CHICAGO, Feb. 28 (AP)—President Frank Calder of the National Hockey League, disallowed the protest of the Chicago Black Hawks against the New York Rangers on the grounds he had no authority under the rules and constitution of the league to interfere with a decision of a referee. The protest was made by the Black Hawks after the referee of the game on Feb. 15, which the Hawks lost by a score of 2 to 1, ruled against the goal scored by the Chicago team because of interference but did not penalize the interferer. The ruling of President Calder was made after receipt of the answer to the protest by the New York team, upholding the referee's decision. Maj. F. W. McLaughlin, president of the Black Hawks, indicated he would file an appeal from the ruling with the board of governors of the league within the next few weeks.

A'S, INDIANS TO DEDICATE PARK

FORT MYERS, Fla., Feb. 28 (AP)—E. S. Barnard, president of the American League, released a bit of news today when he told Manager Connie Mack of the Philadelphia Athletics that the A's and Indians would dedicate the new Cleveland stadium with a Sunday game on July 26. The former president of the Cleveland club said the park, now under construction, would seat 77,000 and could accommodate 90,000 fans. Officials and fans, Barnard said, preferred the A's for the dedication game.

J. T. HUNTER WINS MEDAL AGAIN

PINEHURST, N. C., Feb. 28 (AP)—James T. Hunter, North Adams (Mass.) linksman, won the medal in the twenty-seventh annual Pinehurst spring golf tournament for the second year in succession yesterday by scoring a 76 to head the qualifying round. The only other player to break 80 was B. P. Kraffert Jr., Titusville, Pa., who turned in a 78 to take second place. George A. Law Jr., Boston, was third with 80.

BOWLER CLAIMS PERFECT SCORE

NORFOLK, Va., Feb. 28—William Gross, a member of a local duckpin team, claimed today a perfect score of 100 for a flat game in duckpins. He tied the mark set in 1914 by Tip O'Neil of Washington by bowling over all pins without the aid of a strike or spare.

MISSOURI ELECTS COLLINGS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

COLUMBIA, Mo., Feb. 28—The University of Missouri basketball squad named M. M. Collings '32, two letter-man in basketball and backfield man in football, captain of the 1932 basketball team here last night.

PERKINS WINS DIXIE AMATEUR

MIAMI, Fla. Feb. 28 (AP)—Long wood shots and consistent approaches of T. Philip Perkins of England, won the Dixie amateur golf tournament for him yesterday as he routed Bob Kaufman, Canton, O., youth, 13 and 12, in the final round at Miami Country Club.

AMERICAN BOWLING CONGRESS LID OFF

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

BUFFALO, N. Y., Feb. 28—With a background fittingly setting the scene of a world's championship event, 64 local "booster" teams pried off the lid of the thirty-first annual tournament of the American Bowling Congress here last night. Two squads of 32 teams from the various departments of the city of Buffalo opened the annual national pin classic which will continue here until April 6.

The five-man entry is the largest in the history of the parent bowling organization. A total of 2639 teams from 263 cities will participate. Buffalo set not only a new high team mark, but a local entry as well. The 1508 local team count is a record and the total entry betters the former mark established by Chicago in 1929 by 116 teams. The entry in the doubles and single event, however, is not as large as the past two tourneys. The country's bowlers will roll for prizes of approximately $95,000.

The first invasion of the out-of-town teams will occur March 7, local fives "breaking in" the new tournament drives until that date.

Despite the fact that the opening night's squad lacked the caliber of bowlers to finish among the leaders, an enthusiastic crowd filled the Broadway auditorium for the opening. Gayly decorated with bunting and varicolored lights, the scene presented a panoramic effect unexcelled by any city previously staging the national event.

General Classified

Advertisements under this heading appear in all editions of The Christian Science Monitor. Rate 60 cents a line. Minimum space four lines. An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

FOODS, FRUITS, CONFECTIONS

HIGH-GRADE, home-made chocolates, $1.00 per lb. plus postage and packing. MRS. HAYFORD'S CANDIES, Newton, N. H.

EMPLOYMENT SERVICE—MEN

SALARIED POSITIONS $2500 to $25,000—The undersigned provides a thoroughly organized service of 21 years' recognized standing through which preliminaries are negotiated for position of the calibre indicated, the procedure is individualized to each client's personal requirements, your identity covered and present position protected; not a registration bureau; send only name and address for details. R. W. BIXBY INC., 120 Downtown Building, Buffalo, New York.

FOR SALE—MISCELLANEOUS

ANTIQUE CHINA, Pewter, coins, Indian relics, etc. Box E-2, The Christian Science Monitor, 1775 Railway Exchange Bldg., St. Louis, Mo.

HELP WANTED

REPRESENTATIVES wanted, men or women, Christian Scientists preferred, to sell pottery base lamp, antique parchment shade with illustration including original edifice of The Mother Church; commission basis. S-6, 1058 McCormick Bldg., Chicago.

HELP WANTED—WOMEN

FRENCH FASHION MANUFACTURING CO., 9 N. Franklin, Chicago, require women representatives to sell lingerie; commission basis; full or part time; experience unnecessary; please write.

WOMEN, BE FINANCIALLY INDEPENDENT
Take orders children's, ladies' dresses and lingerie; experience unnecessary; start spare time; commission basis; pleasant, dignified, profitable work. JANALENE, Inc., Dept. 33-6, Indianapolis, Ind.

REAL ESTATE

NORTHERN MICHIGAN HOME FOR SALE OR RENT—Fine 11-room summer or winter home; choice location; garage. For terms address owner, LEON CHICHESTER, Petoskey, Mich.

SITUATIONS WANTED—MEN

INTERIOR DECORATOR, capable managing drapery and floor covering department, desires connection where real opportunity for advancement is offered. D. V. LENNON, 12 Fairview Pl., Decatur, Ill.

TO LET—FURNISHED

HOLLYWOOD, CALIF., Palacio Apts.—Pleasing, homelike atmosphere; 1 to 4 rooms, radio electric refrigeration; A-1 maid and telephone service; ideal living and shopping location; one block church, cars; just off Hollywood Blvd. 1665 N. Sycamore. GRanite 5176.

LOS ANGELES, Traymore Apartments, 523 So. Rampart, Wilshire District — Sunny one-room apartments with kitchen and dining alcove; beautifully furnished; steam heat; elevator; garage adjoining; 3, 4 and H cars.

LOS ANGELES, CALIF., Westchester Apts., Westchester at Pico—New, fireproof, beautifully furnished, steam heat; 24-hour office service; daily maid service; on car line; cafe.

Local Classified

Advertisements under this heading appear in this edition only. Rate 30 cents a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

ANTIQUES

WE PAY the highest possible prices for antique furniture, glass, etc. VILLAGE ANTIQUE SHOP, 72 Harvard St., Brookline. Asp. 8561.

BOOKSELLERS

We are exclusive (Manhattan) Agents for The Popular & Critical Bible Encyclopedia (3 Vols.) Persian Morocco binding; also Thompson's New Chain Reference Bible.

J. & B. GORDON
BOOK, ART & GIFT SHOP
1977 Salmon Tower Building
11 West 42nd Street, New York City
(Open Evenings till 7)

DRESSMAKING

DRESSMAKER, experienced, also remodeling, alterations and underwear; very reasonable. 32 East 81st St., New York City. Rhi. 4-4146.

EMPLOYMENT AGENCIES

ATLAS EMPLOYMENT AGENCY
Efficient Scandinavian and Finnish domestic help. 805 Lexington Ave (62nd St.), New York. Regent 2234.

LOUISE C. HAHN—Opportunities for men and women seeking office positions. 280 Broadway, New York City. Telephone Worth 2-3080.

MISS ARNSON AGENCY—Governesses, infant's nurses, attendants, housekeepers. 431 Riverside Drive. Cathedral 8-3351, New York City.

VOCATIONAL BUREAU, Inc.
105 W. 40th St., New York City. PENna. 5389. Trained office personnel. Personal interviews only. 9-1 daily, except Saturday.

FLOOR SPACE

PHILADELPHIA, PA.—For rent second and third floor front; about 880 square feet on each floor; owner uses first floor. THEO. F. SEIFERT, 1730 Chestnut Street.

FOR SALE—MISCELLANEOUS

Electric REFRIGERATOR, also STOVE—Save $50; practically new. Call Kenmore 5393 (Boston).

TEA-ROOM
New equipment complete for serving 24. Unit on view at Vesper George School of Art, 44 St. Botolph Street, Boston. Ken. 5393.

HELP WANTED—MEN

Experienced Salesmen Wanted
See our advertisement on Financial Page G-77. The Christian Science Monitor, Boston.

NIGHT operator (man) for telephone switchboard near Boston; must have moderate knowledge of bookkeeping; Christian Scientist preferred; state experience, age and schooling, and name references. Box S-31, The Christian Science Monitor, Boston.

HOMES WITH ATTENTION

PLEASANT, quiet home for those needing rest or attention. SADIE J. MORSE, 38 Lake St., Brighton, Mass. Stadium 8819.

Tenacre Inc.
Tel. Princeton 755 PRINCETON, N. J. Rest Home of refinement; highest standards; experienced care if needed; New Jersey State License. Descriptive Booklet. Under management of MRS. KATHRYN BARMORE.

SEE NEXT PAGE

Local Classified Advertising

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For other Classified Advertising see preceding page.

APARTMENTS TO LET

Apartments
IN EXCLUSIVE, BETTER GRADE BUILDINGS
Under the Personal Supervision of
ROBERT A. NORDBLOM, Managing Director
"INSPECTION IS CORDIALLY INVITED"

The MYLES STANDISH
Bay State Road at Beacon Street
One to five rooms, furnished or unfurnished
Excellent cuisine, reasonable rentals
Telephone COM monwealth 4500

The REGENT
1401 Beacon Street, Brookline
2 to 4 rooms (furnished or unfurnished) to meet your particular needs. Kitchenette and dinette. Twenty-four-hour elevator service.
Tel. BEA con 3080, REG ent 1276

PELHAM HALL
The Real Apartment Home
Coolidge Corner, Brookline
One to five rooms
Furnished or unfurnished
Immediately available for occupancy
Telephone BEA con 2430

The WARWICK Apmts.
1450 Beacon Street, Brookline
Furnished and Unfurnished Suites
Bright, airy and attractive. Two to four rooms (en suite). Toneful colors, attractive fixtures, electric refrigeration, incinerators, self-service elevators, etc. (Baths are equipped with very latest in showers.)
Telephone REG ent 4811-W

The ROOSEVELT
Corner Huntington Avenue and Forsyth Street
In the Art and Music Centre of Boston
FURNISHED OR UNFURNISHED SUITES
One to four rooms. Special Rates. Nearby Garage.
Telephone KEN more 6178

EACH ONE A CHARMING PLACE TO LIVE

BACK BAY, BOSTON
1, 2, 3-ROOM SUITES, unfurnished, all modern; no undesirable tenant welcomed; $35 up. SPRING REALTY CO., 131 Audubon Road. Commonwealth 4740.

BOSTON, Aberdeen Section, just off Commonwealth Ave.—Nicely furnished suite of five rooms and bath. Frigidaire; convenient to schools, churches, cars and stores. Call Stadium (evenings) 8186, Kenmore 9133.

BOSTON—3-room apartment, unfurnished, attractive, spacious, overlooking Fenway. Apply 15 Audubon Rd., Suite 31, or Janitor.

BRIGHTON, MASS.—1 and 2-room suites, furnished, unfurnished, Frigidaire, shower baths, free parking; exclusive section; references. Stadium 2777 or 3212.

BROOKLINE, MASS.—Nicely furnished light 5-room modern apartment, sublet to June 1st. THE SERVICE BUREAU, 236 Huntington Ave., Boston. Ken. 4033.

BROOKLYN, N. Y., 449 9th St.—Furnished apartment to rent or share, 6 rooms, southern exposure. Phone evenings, South 8-6869 (Almquist).

DESIRABLE
APARTMENTS
DEPENDABLE SERVICE and MANAGEMENT
15 Minutes from Downtown
Every apartment heated with guaranteed satisfaction. Sunny, airy, modern. Electric refrigeration. Janitor service.
Shawmut Realty Trust
65 FALMOUTH ST.
BOSTON
Ken. 0482

LINCOLN HALLS
ON THE FENWAY
11-15 Audubon Road, Boston
Available at this time are a 2 and a 3-room, kitchenette, bath and spacious reception hall, all front suite at $78 and $93 respectively; Frigidaire, elevator service; also 1 room and alcove at $53.
GEORGE A. GILES, Management
University 0477

N. Y. C., W. 72d (Riverside Drive)—Unfurnished apartment, 4 rooms, large bedrooms; southern exposure, extra lavatory. Virginia 7-6157 (evenings).

RIVERWAY MANOR
Exclusive one and two-room suites; furnished or unfurnished; modern in every particular, and ideally located.
210-214 RIVERWAY Phone Reg. 3026

HOUSES TO LET

BOSTON—BEACON HILL
31 PINCKNEY ST.—House 8 rooms and bath; annex 3 rooms and bath. For appointment Tel. 2926 Richmond (Boston).

JEWELERS

CASH paid for your old jewels, diamonds, precious stones, silver, platinum; established 1863. WM. A. THOMPSON COMPANY, 125 Tremont Street, Boston. Liberty 9472.

LEATHER GOODS—REPAIRED

LUGGAGE sold and repaired; ladies' hand bags repaired and relined. COPLEY LUGGAGE SHOP, 63 Huntington Ave., Boston.

MOVING AND STORAGE

I SHALL deem it a privilege to serve readers of The Christian Science Monitor in their local and long distance piano and furniture moving. NOBLE R. STEVES, 184 Harvard St., Boston 24, Mass. Tel. Talbot 2400.

PAYING GUESTS

The Addington
A quiet home; large, airy rooms, some with private bath; large room suitable for studio; all conveniences; garage space; good meals and service. Regent 3139, 124 Winthrop Road, Brookline, Mass.

PIANO TUNING

SIDNEY B. DURFEE
Graduate of Perkins Institute
43 Central Ave., Newtonville, Mass. New. No. 7876

REAL ESTATE

MODERN ATTRACTIVE HOME IN FLORIDA
Six large rooms and bath; fruit, pecan and shade trees, strawberries; garages and poultry houses; everything in first class condition; lot 200x600 on paved highway No. 3, 25 miles south of Jacksonville; Green Cove Springs, county seat of Clay Co.; price moderate. Address OWNER, P. O. Box 581, Green Cove Springs, Fla.

LARGE FREEHOLD for sale in fashionable resort on South Coast, England, suitable for business purposes, hotel or flats; ground area 3700 square feet with frontage of 174 feet; floor space 18,500 square feet on 5 floors; lift installed. Box M-502, 2 Adelphi Terrace, London, W. C. 2.

QUIET, SOLITUDE AND MATCHLESS BEAUTY in Pennsylvania hills; hunting, fishing; farms almost at your own price. HOADLEY, Nicholson, Pa.

SCARSDALE, N. Y.
Village of Homes
NASH and BOGART
REALTORS
Elizabeth Nash
Elizabeth Locke Bogart
24 EAST PARKWAY Telephone 930

ROOMS TO LET

A CLUB RESIDENCE FOR MEN AND WOMEN
$10 to $20 weekly
Transients $2 per day upward.
New 550-room hotel, private baths, comfortably and well furnished, all light and airy; swimming pool, gymnasium, social rooms, library, roof solarium; garage; restaurant; beautiful view New York Harbor; five minutes Wall St.; breakfast, 25c up; lunch, 50c; dinner, $1.
HOTEL PIERREPONT,
Pierrepont and Hicks St., Brooklyn Heights, Brooklyn. Main 5500.

BOSTON—Fenway Business Women's Club, 1136 Boylston St.; renovated; few vacancies; permanent or transient guests; kitchens, laundries. Kenmore 1962.

BOSTON, Newbury St., Copley Square—Attractive furnished front room for a woman. Tel. Commonwealth 9419.

BOSTON, 86 Gainsboro St., Suite 2—Nice large front room, suitable one or two; ladies preferred; references exchanged.

BOSTON, 170 Huntington Ave.—Pleasant rooms, $1-$5. Tel. Commonwealth 8126. Comfortable basement rooms.

BROOKLYN, N. Y., 309 East 21st St.—Sunny front room, 1 or 2 persons; quiet home; very near church; reliable heat and hot water, shower. Buckminster 2-4196.

CAMBRIDGE, MASS.—With private family in exclusive section, newly furnished large room, 2 closets, 4 windows, next to bath; breakfast and dinner if desired. Univ. 1378.

LANSDOWNE, PA., 24 Dudley Avenue—3 attractive light bedrooms; modern, quiet home; Broad Street 15 minutes, Madison 0442.

ROOMS TO LET
(Continued)

N. Y. C., 70th (Broadway)—Large, sunny double-single, lavatory, elevator, immaculate; congenial home; breakfast optional; reasonable; references. Endicott 2-9461.

N. Y. C., 235 W. 103rd (Broadway)—Front room, private bath; outside single, running water, subway corner, elevator. Apt. 7-C.

SITUATIONS WANTED—MEN

AVAILABLE now for organization or individual, man 35, 15 years' investment banking field; last services as treasurer-cashier large New York investment house; thorough experience in minor or executive control, all securities, cash, accounting, loans or personnel; seeks opportunity to render responsible, trustworthy and experienced service. Box M-14, Room 1804, 270 Madison Ave., New York City.

YOUNG MAN, graduate of New York School of Interior Decoration, desires position in that line, automobile or real estate salesmanship. WM. R. STONE, 114 Chatham Rd., Upper Darby, Pa. Telephone Boulevard 1027-J.

MANAGING housekeeper; residential or hotel experience; go anywhere; references. THE SERVICE BUREAU, 236 Huntington Ave., Boston.

YOUNG man married, colored, wishes a position as chauffeur, butler or handy man; references. 95 No. Clinton St., East Orange, N. J. Nassau 4-3819.

RELIABLE young man desires position, any kind of work; experienced selling plantings, sculpture, furniture. Box A-5, Room 1804, 270 Madison Ave., New York City.

WAREHOUSE man, stock clerk, shipper and receiving clerk wants position; 20 years' experience. Box G-81, The Christian Science Monitor, Boston.

SITUATIONS WANTED—WOMEN

ARE you looking for a SECRETARY who can think for herself and for you? who can write your letters without dictation? who can plan sales campaigns, write sales letters, prepare printed material and put such plans into effect? In other words, would you like to be relieved of the lesser details in order to devote yourself to the large issues of your business? If so, I should like to help you. Address Box T-46, The Christian Science Monitor, Boston.

CAPABLE housekeeper, companion or mother's helper desires position. L. B., 119 No. 19th St., East Orange, N. J. Tel. Orange 3-6839-J.

DESIRED—Position as attendant, companion or companion-housekeeper; references exchanged. Granite 4871-W. G-78, The Christian Science Monitor, Boston.

PART time companion for children or adults; generally useful. Box A-4, Room 1804, 270 Madison Ave., New York City.

WOMAN with both home and business training would like position as companion and general helper to elderly people or small family; have an automobile; Christian Scientist preferred. G-75, The Christian Science Monitor, Boston.

POSITION as helper and companion by refined American woman. G-80, The Christian Science Monitor, Boston.

TYPEWRITERS

CORONA
Standard Four-Row Keyboard
E. A. RAPHAEL CO.
49 Bromfield Street, Boston Liberty 7557
Headquarters Corona Typewriter, Underwood, Remington, Royal Portables.
Carbon Paper Ribbons
STANDARD TYPEWRITERS RENTED
3 Months $6.00

ALABAMA

BIRMINGHAM

New Spring Apparel at Moderate Prices
CAHEEN'S

TRUEMAN SIGN CO.
Office Doors—Windows
Trucks—Real Estate—Walls, etc.
Quick Service on Show Cards and Small Orders
113½ N. 21ST ST. Phone 4-6496

JACK O' LANTERN TEA ROOM
Chicken—Steak—Salad
Sandwiches—Spaghetti
Hollywood Gates—Montgomery Highway
11 A. M. to 12 A. M. Reservations for Parties
Phone 2-9112

INSURANCE
FIRE — AUTOMOBILE
SURETY BONDS
ED S. MOORE, Inc.
Established 31 Years
NOTHING BUT INSURANCE
2028½ 1st Avenue, BIRMINGHAM

When you need LIGHTING FIXTURES for a new home or to replace your old ones, SEE
BRAUN'S LIGHTHOUSE
2023 First Avenue North
Phone 33204
We specialize in Household Repairs and Base Plug Wiring.

Hosiery Repairing
"Careful work and at moderate prices"
CAHEEN'S
THIRD FLOOR

Automobile Repairing
"Investigate Our Reputation"
Q. R. MURPHY
PHONE 7-4550 1621 AVE. C

MADDOX SISTERS CAKE SHOPPE
Distinctive Personal Service
WEDDING, BIRTHDAY and SPECIAL ARTISTIC CAKES
Res. Phone [illegible] [illegible] South [illegible] Street

ALABAMA

BIRMINGHAM
(Continued)

Foremost in Fashion
FARmost in Value
BLACH'S
of BIRMINGHAM
Apparel for Men, Women and Boys

Birmingham Beauty Shoppe
1905½ SECOND AVENUE
Phone 3-3400
ALL BEAUTY WORK
MRS. LYON, Manager

CONSUMERS ICE DELIVERY CO.
220 SECOND AVENUE, N.
We Also Sell Best Grade
Domestic Coal and Coke
PHONE 3-5246

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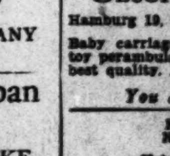
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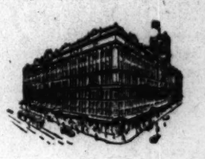
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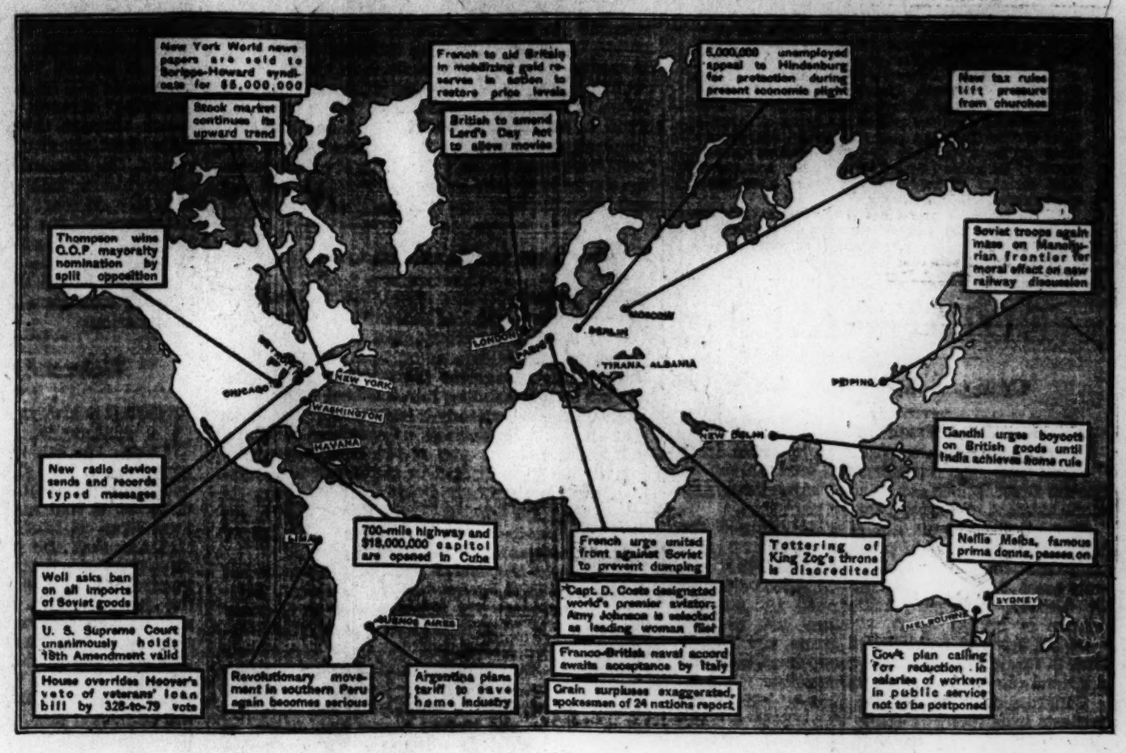
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DAILY FEATURES

World News of the Week at a Glance



All Nature



Hornets

AN INTERESTING example of the work of insects—which may easily be observed—is the construction of the paper, or white-faced, hornet's nest. As the female is the only survivor of the winter, early in spring she selects a site for her nest. Her usual choice is the branch of a tree, but she does not hesitate to take possession of a corner of some outdoor porch.

She begins by attaching a few cells securely to a support; then she lays an egg in each. In a few days these hatch, and the mother has to attend the grubs until they develop into workers. These are soon able to build new cells which the queen bee uses for the development of her colony, which may number hundreds and thousands of individuals.

When you first notice the hanging nest it may be scarcely the size of a hen's egg; but if that hornet community is undisturbed it will be able to enlarge the oval structure until it is 10 inches long, and wide in proportion. Certain species of the south construct nests as big as a half-bushel measure.

Among the numerous species of wasps, hornets are among the largest and strongest; they are usually about an inch long. They are extremely slim-waisted, with a body distinctly divided into three parts. The name, "hornet," was given them on account of the noise they make—which sounds as though they were blowing through fairy horns.

Because the hornets chew bits of weathered wood into coarse paper pulp with which they fashion their nests, they are considered to be the original paper makers of the world.

A Word a Day

Maharaja

This word, also spelled "maharajah," is one of the few words in our language which retains its original Sanskrit form.

It is applied to certain Hindu princes, especially to the powerful ruling chiefs in India, and means, literally, "great king," from *maha*, "great" (allied to the Latin *magnus*), and *raja*, "king" (allied to the Latin *rex*).

Ma-ha-ra'-ja is accented on the third syllable; sound first and fourth *a*'s as in *sofa*, second and third as in *arm*.

"The Maharaja surrounded himself with Oriental splendor."

Note: First choice in Webster's New International Dictionary is accepted as authority for pronunciation.—Editor

Odds and Ends

Seeing Europe

During 1930 a total of 209,211 passports were issued to Americans. American investments abroad during that year were estimated at $15,000,000,000.

Chicago's Saloons

In pre-prohibition day there was one liquor dealer to every 725 people in Chicago and in 1906 the amount of beer consumed averaged 3½ barrels for every man, woman and child living in that city.

Railroad Mileage

The railroad trackage of the United States now amounts to about 250,000,000 miles, or 22 per cent of the world's total.

A Quotation for Today

LET the counsel of thine own heart stand ... for a man's mind is sometimes wont to tell him more than seven watchmen that sit above in an high tower.—ECCLESIASTICUS 37, 13-14.

The Mail Bag

Pendleton, Oregon

Dear Editor:

It is such a bright, lovely day that we just had to write to the Mail Bag.

Pendleton is known as the "Round-Up" city and is located at the foot of the Blue Mountains. The mountains are very beautiful in the spring and autumn and we find many pretty wild flowers.

We should like to receive letters from girls anywhere, but especially from those of our own age (16).

Leah I.
Lucy I.

New Brunswick, New Jersey

Dear Editor:

As I sat at my desk tonight, I picked up The Christian Science Monitor and looked through the Mail Bag columns. Although I have often read the interesting letters I have never written to you; but tonight I felt an especial urge.

I am a sophomore at New Jersey College. We have a lovely campus or rather we have several campuses which overlook the Raritan River. At present we students of New Jersey College and those of Rutgers (which is in New Brunswick also) are enjoying some real winter weather with skating and other sports.

Will girls from everywhere who care to write please do so. I am 19, interested in architectural landscaping, and hope to take two years' work at it after this year. This summer I tramped and rode horseback through some western parks. I love the West, and would love to be a Rangeress if there are such things. Marney H.

McLeansboro, Illinois

Dear Editor:

I read the Monitor with interest and think it is the only newspaper I read that presents international news in a way that's interesting and helpful to almost everyone.

McLeansboro is a small town of 2000 people, the county seat of Hamilton County. We have three schools and a kindergarten here. I'm a freshman in high school.

This year I am taking Latin and intend to take all the foreign language courses our small high school offers. I am 13 years old and should be glad to hear from anyone, especially someone interested in newspaper work in England, as I am advertising manager and reporter on the staff of our school newspaper. Won't someone please write to me? I'll answer any letters I get. Jean Frances H.

Portland, Oregon

Dear Editor:

We live in a town that is one of the chief ports of the Pacific and has an estimated population of 300,000. Portland has a very interesting airport. It is located on an island in the middle of the Willamette River. It can accommodate both seaplanes and landplanes. It has a driveway around the edge and people may drive around this to see the airport and the airplanes. The island is connected with the shore by a fill-in to form a bridge.

I am quite interested in stamps and would like to correspond with boys anywhere, especially in England and India. I am 12 years old, and will answer all letters. Wendell W. W.

Harvey, Illinois

Dear Editor:

Please allow an "over 20" to creep into the Mail Bag. Yes, it is correspondents I want, from here and everywhere. I cannot write very intelligently in any foreign language, but as I desire foreign letters too, I will do my best in that respect.

I have many hobbies. I've a stamp collection, have birds, enjoy flowers, books, music, movies, dancing. So you see my interests are varied.

Harvey is 45 minutes from the Loop, Chicago. This is by electric trains over the Illinois Central. There is much romance and interest in this town, if one only cares to hunt for it. For example, the original town lots have a temperance clause in the deeds. Of course as the town grew, the newer parts do not contain this.

I make Monitor scrapbooks and I am now saving for my fifth one. They make ideal year-round gifts. Snubs, Waddles, Sundial stories, and poems, Oh, there are many things to cut out.

Hoping the W. B. doesn't get this, and that I gain many new friends.

Elizabeth W.

Oakland, California

Dear Editor:

May I join the Mail Bag "Pen Pals"? I think it is so interesting to correspond in this way. I am 12 years old and the mistress of Flappy who wrote to Snubs. Flappy was so glad to have his letter printed and looks hopefully in the mail every day for a letter from an animal friend. He agrees with me about corresponding with people of different lands.

Oakland and the Bay Region is very interesting and I will gladly tell anyone (I don't care about their age) all about it.

My hobby is keeping a scrapbook and my favorite pastime is reading books. I also collect stamps, but haven't got very far, and have a collection of post cards from different countries. Frances W.

The following would like to receive letters:

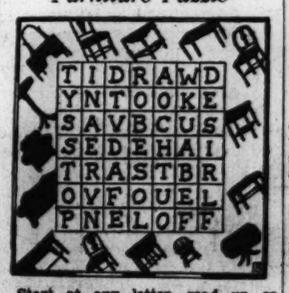
Girls

Dorothy S. (12), Spokane, Wash.—Especially from abroad. Studying violin.
Vivian K. (13), San Mateo, Calif.—Belongs to Girl Scouts. Interested in stamps.
Daphne W. (14), Brisbane, Australia—Especially from Africa, India, New York City and Beverly Hills, Calif. Interested in stamps.
Abbie B. (15), Clinton, Me.
Lillian C. (16), Cleveland, O.—Especially from abroad.
Ruth H. (17), Rural Retreat, Va.
Margaret N. (18), Rural Retreat, Va.

Boys

Henry J. (13), Williamsbridge, N. Y.—Interested in stamps.
George W. (15), Clinton, Me.—Especially from England.
William S. (18), Rural Retreat, Va.—Especially interested in industries of South America.

Furniture Puzzle



Start at any letter, read up or down, right or left, or diagonally, and spell the names of 14 kinds of furniture.

Key to Puzzle

Answer to Addition and Subtraction Puzzle:

A	HONEST
AM	STONE
MAT	NOTE
TEAM	ONE
STEAM	ON
MASTER	O

Other words might also be used, and be correct.

"I Record only the Sunny Hours"



Dog Has Charge Account

(Kansas City Star)

Kansas City, Mo.

A LITTLE white and brown dog named Brownie, owned by L. W. Andrews, is believed to be the only dog in Kansas City with a charge account.

Brownie calls daily at a grocery store at 5703 Troost Avenue for a half pound of wieners. Originally Mr. Andrews accompanied the dog. But one day Brownie became impatient and visited the store alone. The grocer gave him the wieners.

Since then Brownie has called alone. The wieners are charged to him on the store's books and Mr. Andrews settles the bill. Brownie takes them outside the store to eat them.

The dog never has taken advantage of his credit by visiting the store more than once a day.

In Lighter Vein

Completed the Job

Mistress: "Did you empty the water under the refrigerator?"

Green Girl: "Yes'm, and put in some fresh."—*Unidentified clipping.*

He Knew What He Wanted

The Big Director wanted a man to play a Scotland Yard detective, and the casting office sent him a prospect. After a very brief confab, the director sent the actor back to the casting boss with a note. It read:

"This man won't do. Hasn't a trace of a Scotch accent!"

The Gay Nineties

Little Bobbie (aged four, seeing a full-length picture of his grandmother for the first time): "But, Mother, didn't Grandma have any legs?"—*Pathfinder.*

Not So Cheap!

"Venison to be cheaper," says a headline. But it's still deer at any price.

Pronunciation of Proper Names in the News

Prague (prahg), capital of Czechoslovakia (chek-o-slo-vak'-i-ah), is growing rapidly—847,702 inhabitants today as compared with 677,000 in 1921—but news dispatches tell us that the necesary modernization is being carried on without destroying the medieval charm of the city.

Hemsö (hem'-suh), a small island off Sweden in the Gulf of Bothnia, where the self-governing inhabitants are able to keep their taxes down to 50 cents a head.

Dr. Jorge M. Corbacho (cor-bah'-tcho), noted Peruvian collector, whose 200,000 rare Latin-American documents he is planning to share among the countries interested.

Admiral Aznar (ath-nahr'), new Premier of Spain, who succeeded in forming a Cabinet after Sanchez Guerra (gher'-rah) failed.

Brevities

Arkansas Gazette: "Be conders of radio never cease. Crooning troubadour singing about a girl named Gloria made her rhyme with "I wanta see more of ya."

Detroit News: A local radio light broke down Friday morning, disrupting the egg-boiling schedule in all nearby apartments. The recipe for soft boiled calls for four red changes and three green.

Punch: Edgar Wallace says a large income can be made out of journalism. Most have usually than it is, anyway.

THE CHRISTIAN SCIENCE MONITOR

BOSTON, SATURDAY, FEBRUARY 28, 1931 — *"First the blade, then the ear, then the full grain in the ear"* — PUBLISHED BY THE CHRISTIAN SCIENCE PUBLISHING SOCIETY

The Christian Science Monitor
Editorial Board

The Editorial Board as constituted by The Christian Science Board of Directors for The Christian Science Monitor is composed of Mr. Willis J. Abbot, Contributing Editor; Mr. Roland R. Harrison, Manager of The Christian Science Publishing Society; Mr. James E. Patton, member of the Board of Trustees of The Christian Science Publishing Society, and Mr. Frank L. Perrin, Executive Editor. It is the duty of the Monitor Editorial Board to consider and determine all questions within the Editorial Department of The Christian Science Monitor, and also to carry out the stated policy of The Christian Science Board of Directors relative to the entire newspaper. Each member of said Editorial Board shall have equal responsibility and duty.

All communications regarding the conduct of this newspaper, articles and illustrations for publication should be addressed to The Christian Science Monitor Editorial Board.

EDITORIALS

Government by Largesse

IN OVERRIDING President Hoover's veto of the bonus loan bill Congress has blazed a fresh trail into the morasses of government by special favor. It has gone a step beyond any previous attempt to "honey" the veteran vote.

The original bonus act of 1924 followed the precarious precedent of pensions, putting a price on patriotism. But now Congress says that not only must all former soldiers—whether volunteer or drafted, whether handicapped by military service or helped by it, whether rich or poor—be set aside as a privileged group, but that in time of economic stress this group must be made a special charge upon the community.

Congress does this in the face of self-reliant protests from many veterans who object to being placed in such a position. And it does this without even serious pretense of giving adequate consideration to the ways it can best help those veterans most in need, those who have not been taken care of by the $5,000,000,000 the Government has spent for the purpose since the war.

Moreover, Congress does this in the face of a courageous and well-considered veto. That veto points out that the loan measure carries more-than-doubtful benefits for the veterans, and undoubted extra cost to other citizens in higher rates on local and federal borrowing for other purposes. But beyond that it goes to the root of the matter in calling attention to the dangerous trend toward federal charity, when it says:

> The matter under consideration is of grave importance in itself; but of much graver importance is the whole tendency to open the Federal Treasury to a thousand purposes, many admirable in their intentions, but in which the proponents fail or do not care to see that with such beginnings many of them insidiously consume more and more of the savings and the labor of our people.
>
> In the aggregate they threaten burdens beyond the ability of our country normally to bear. And of far higher importance, each of them breaks the barriers of self-reliance and self-support in our people.

Recently former President Coolidge set forth the same idea very trenchantly in his syndicated column. As printed in the New York Herald Tribune, some of his words were:

> One of the most astounding spectacles is the complacency with which people permit themselves to be plundered by extravagant governmental expenditure under the pretense of taxing the rich to help the poor. The poor are not helped but hurt. Taxes have to be collected by the rich before they are paid. They are collected from all people. A higher tax means real wages are lower. The cost of living is higher. The chance to work is less. Every home is burdened.

Mr. Coolidge went on to show that legislators do not want to be extravagant but are forced into raids upon the public treasury by those who profit, while those who pay give little support to economy. The latter do not make their representatives feel that looking out for the interests of all the people will gain more votes than giving special favors to a few.

It is so in this case, and Congress should not be too greatly blamed if it believes that the number of veterans who will reward it at the polls for this expenditure will be larger than would be the number of citizens who would reward a vote for economy.

The fundamental difficulty is in a conception of government which causes the citizen to look to the state to see what he can get, rather than what he can give. It has been exemplified in special tariff favors for certain industries, in subsidies of other kinds, in the general tenor of farm relief legislation, and more recently in the "dole" proposal. It comes home to every citizen who seeks special privilege from his city, state or national government. Every man who "fixes" a traffic violation, evades taxes or jury service, or obtains political favors for his business, helps to foster the evil tradition of which the bonus is merely the latest product. He must reform himself; then he can start in on Congress.

Billboards of the Air

RADIO channels have often been likened to the highways of the air. Today in America, like the motor highways, these ether routes are filled with advertising billboards, spoiling the musical scenery which is their normal charm.

Seated at the dial of a radio set, the seeker of beauty finds himself in a position analogous to the driver of a motorcar. A splendid road is found. It is called "Hungarian Rhapsody" by Liszt. Suddenly a vocal billboard breaks in upon the satisfying mental picture the rhapsody has brought and announces that unless you eat "Piff's Particular Pickles" you have known only a dismal world. If you haven't tried Piff's Pickles you ought to stop listening and hurry down to the nearest grocer to get some before he is all sold out of this popular product.

If the radio scenery seeker can survive this air billboard, he may seek another road. Ah! This looks better! It says, "The Afternoon of a Faun," by Debussy. That ought to be tranquil enough. It is, at the beginning. But hardly has the faun decided to call it an afternoon when around the corner comes a large and noisy billboard. This assures you that "Go Gettem Gas" is the only thing that will make your car run forward. To use any other gas is like tying your car's rear end to a hitching post. In fact, ordinary grades of gas are good only when operating in reverse.

By this time, like the motorist, the radio listener is beginning to think that seeking beauty along the ether pathways is an illusion, a promise that can never be kept. He buys a radio set to enjoy music, only to find that what he has invested in is in large part the right to open his door to a thousand and one ballyhoo artists, who too often differ from the familiar circus sideshow announcers only in the accents used.

The movement for the elimination of objectionable roadside billboards which will give motorists an opportunity of enjoying the scenery is assuming large proportions. Now the public is realizing that its precious air highways have also fallen under the heavy hand of "billboardizing." That a similar movement for radio billboard elimination is under way is apparent to those who keep their ears to the ground. In some instances the advertising is so aggressive that it is actually defeating the very end it is designed to serve.

Progress in Naval Disarmament

THE Franco-Italian naval negotiations involved in the visit of Arthur Henderson, British Foreign Secretary, and A. V. Alexander, First Lord of the Admiralty, to Paris and Rome hold within themselves the seeds of what may become an outstanding international success. In a sense they are already a success, for they have brought out a willingness to compromise which is in itself helpful. And if the complete agreement which is indicated in the latest news dispatches is made finally effective, it will equal in importance the London Naval Treaty itself; for without Franco-Italian agreement the treaty seemed destined to be abrogated.

Apparently, the French and Italian navies are to be bound in the same way the American, British and Japanese are through the three-party London treaty. Thus naval rivalry in the Mediterranean, which threatened to upset the accord reached in the Atlantic and Pacific, can be abated. As the effects of the London treaty are already perceptible in stabilizing relations between Britain, the United States and Japan, so France and Italy can be drawn within its pacifying orbit. There is therefore every reason to expect that the many irksome details which have ruffled the relations between France and Italy in recent years will now be eliminated.

But the best effect of full-fledged naval stabilization is upon the disarmament conference. With French and Italian programs settled until 1936 there would be no reason to expect much difficulty in writing a universal treaty limiting all the world's navies. Many details will remain to be worked out with smaller powers but they present no serious trouble. Had naval disputes remained open, the task of limiting land and air armaments would have been even more difficult than it will inevitably be. Now with almost twelve clear months for the peoples and governments to prepare for the disarmament conference, progress should be possible.

This preparation must be the positive duty of every single government. The latest stage of the naval negotiations now so happily closing may afford practical help for the broader problems of land and air armaments. For just as during the first stage of naval discussions the personal diplomacy of Premier MacDonald and President Hoover paved the way to accord, so now the personal intervention of Mr. Henderson and Mr. Alexander at Paris and Rome appears to have brought an ultimate solution. For long months Robert L. Craigie, Premier MacDonald's trusted adviser in the British Foreign Office, has been traveling between Paris, Rome and Geneva. He has borne a weary succession of proposals and counter-proposals from the Quai d'Orsay to the Palazzo Chigi, back to Downing Street and over to the Palace of Nations in Geneva. Although assisted at notable crises by Hugh Gibson, the American Ambassador at Brussels, and Hugh R. Wilson, American Minister to Switzerland, Craigie seemed often to be failing.

But it is important to note that the method of approaching the naval problem which has apparently brought success in the end is exactly the same strategy with which Britain and America attempted to begin the London conference. They sought to disregard ratios and parities and to agree simply upon exact tonnages of naval programs to be built in the years until 1936. Now at last this method has been applied in the effort to cut and fashion the French and Italian fleets according to the London treaty pattern. One more agreement to limit armaments will make easier all future agreements until finally a satisfactory measure of disarmament is achieved.

Holding the Holding Companies

RAILROAD merging by indirection appears to be doomed to the discard in the United States before it assumes nation-wide popularity on the scale achieved in the eastern district, which has resulted in a congressional investigation and recommendations by the House Committee on Interstate and Foreign Commerce for remedial legislation.

The subterfuge of consolidating railroads by using holding companies to acquire stock in other companies has threatened to circumvent completely the authority given the Interstate Commerce Commission through the antitrust laws to prescribe the degree of control which one railroad might assume over another. The Interstate Commerce Act is not sufficiently far-reaching to cope with this new financial device, and Congress has been prompt in causing an exhaustive inquiry to be made into the extent of indirect control effected through holding companies created by railroads and then publicly disowned by them.

The investigation has centered upon Pennroad Corporation, set up by the Pennsylvania Railroad, and on Alleghany Corporation, an offshoot of the Van Sweringen interests. From a study of the investigators' report, it appears that railroad consolidation in the United States already has been largely accomplished, through specific efforts or the natural processes of finance. Fourteen large systems already contain 85 per cent of the railroad mileage, even though their constituent parts maintain their corporate identities at present. Few of these groupings have received the official approval of the I. C. C.

It is now proposed that the Interstate Commerce Act be amended to forbid the acquisition of control, directly or indirectly, of one carrier by another, or by persons affiliated with one line or another, excepting where the commission, after hearing, finds such acquisition to be in the public interest.

The commission has never known positively, through litigation, whether its powers extended over holding companies of a noncarrier nature. It has ordered the Pennsylvania Company to divest itself of its holdings in Lehigh Valley and Wabash, but the legal force of this order has not yet been established.

Unfortunaaely, the prospective legislation cannot be retroactive. Thus, while future acquisitions of control through the device of holding companies will be subject to official scrutiny, the "merging" already accomplished in the eastern region through this subterfuge seems to be exempt from removal. Unless this feature is corrected, the financial groups which have largely accomplished their purpose in the East will be able to weld more closely together their present holdings, and the legislation will have no effect where it is most needed—namely, in forcing the holding companies to relinquish their control over lines where such control has never been officially sanctioned by the Interstate Commerce Commission.

Welcome, World-Telegram

THERE is always a shadow of regret in seeing a contemporary pass from the newspaper field. The sale of the New York World newspapers and the discontinuance of the widely known morning edition will inevitably leave something of a void in its quarter of metropolitan journalism at least for a time, though there is evidence that the place has been largely filled already by competing papers. The fact that the Pulitzer publications have been taken over by the Scripps-Howard organization and merged with its New York Telegram gives strong promise, moreover, that their best traditions of independence and public service will be actively sustained in the new World-Telegram.

Naturally, the editorial influence of the World will be missed more in some respects than others. It has wielded a strong and useful influence in many movements for international peace, from its advocacy of the League of Nations to its support of the World Court and the London naval conference. It has been a spokesman of progressive views on labor questions and the tariff, as well as an outspoken critic of Tammany Hall within its own political party.

But perhaps it will not be thought sacrilege to look upon the change as beneficial in some respects. Though the Scripps-Howard papers are opponents of the national prohibition amendment, their opposition is neither so deep-seated nor so caustic and unseeing as was both the news and editorial policy of the World papers. Not only will there be two fewer papers under the wet flag, but drys may look for more reasonable treatment from the successor.

The World was widely known as a crusading newspaper. It went to great lengths to expose what it believed were frauds or impositions upon the public, and undoubtedly in many cases did valuable service. Yet this zeal seemed sometimes more truculent and vindictive than wise or consistent. The Scripps-Howard papers, too, are frequently engaged in civic crusades, and perhaps the World-Telegram may carry out with better balance the aim of speaking fearlessly for the common people.

In these and other editorial policies the amalgamation with the Telegram involves probably less change than would any other transfer the Pulitzer family could have made—except to the World's 2800 employees, whose brave but unsuccessful effort to raise a sufficient fund for its purchase will command added admiration and sympathy as they go out to seek new connections.

Bon voyage to the World-Telegram!

Is the One-Reeler Returning?

G. BERNARD SHAW has always had the reputation of being up-to-the-minute. Perhaps, therefore, the fact is not without significance that from all his immense output it is a one-act play that he has chosen to introduce his work to the talking screen. One-reel films just now are enjoying a considerable measure of popularity.

For many years the short movie monopolized the screen. From the production of "The Great Train Robbery" in 1905 to the coming of such lengthy entertainments as Sarah Bernhardt's "Queen Elizabeth" and the eight-reel "Quo Vadis," both released about seven years later, the single-reeler dominated the moving picture world. These films, however, and the early efforts of D. W. Griffith, demonstrated the practicability of longer entertainments, and the "feature picture" became a formidable and finally victorious rival of the one-reeler in the race for popularity. The return of the shorter film to public favor will, however, be welcomed by many people.

The exhibition of several short films, as well as one lengthy production, in a moving picture program introduces a pleasant spice of variety. Moreover, the standard of shorter films is often higher than that of feature pictures. Also the short movie is by its very nature protected from one of the chief temptations of the film producer, namely, the tendency to rely on spectacular and lavish effects at the expense of ideas. This type of entertainment is thus compelled, with, on the whole, happy results, to rely for its appeal on its intrinsic merits of acting and conception.

Editorial Notes

With ten of the largest banks in the United States reporting an increase of about $300,000,000 in deposits for 1930 over 1929, despite the large number of unemployed, it looks as if those who did work must have been busier or thriftier than usual.

One wonders if persons who are talking about banning the entry of bananas into California are among those heard expatiating with regard to the repeal of the Eighteenth Amendment "to allow personal liberty."

Now that several New England dairymen have considered offering Calvin Coolidge a high salary to organize their interests, one wonders how long it would take the former President to milk a cow.

It can be said that rapid changes in modern-day business methods allow the alert individual to make hay with the grass growing under his competitor's feet.

"Factory Built," a Housing Drama

ACT I

MR. AND MRS. HOMEFOLK are kneeling in the center of their 1940 living room, apparently playing with Junior's building blocks. Mrs. Homefolk picks up a unit and places it in a corner of the floor plan which Mr. Homefolk has just constructed.

Mrs. H.—There, John; that's the kitchen. I've always wanted a kitchen set off from the rest of the house. You know, I mean, like an "L," in the rear.

John—Humph! Looks weird to me; but it's your kitchen. (Pulls out notebook and pencil.) What's the number?

Mrs. H. (picks up block and studies it)—It's marked 267AZ.

John (writes, repeating)—H'm! 2-6-7-A-Z.

Mrs. H. (spies, in the meantime, another block; picks it up)—Oh, John, here's just the thing for the rear entry. See (placing it against 267AZ)—it goes just right. I mean, it rather takes the bare look away from the kitchen. Quite distinctive, don't you think?

John—Humph! (Picks up block.) Let's see. This is 772BZ. Well, I might as well put it down. (Writes in notebook.)

ACT II

Same scene two hours later. Block house stands completed in center of room. Mr. and Mrs. H. moving about studying it from different angles.

John (proudly)—Not a bad idea of mine, putting that BX349 just above the porch. We can use that as an upstairs sun parlor.

Mrs. H.—Yes, the children can play there on rainy days; they can play there when it's wet. And, John, just see how this 228QB juts out from the west wing. I mean, it makes a kind of porte cochère effect, don't you think?

John—Humph! Not bad! not bad. (Rubs palms briskly.) Well, if it suits you, it suits me. No sense in procrastinatin'. (Reaches for phone; dials a number.) Hello! Prompto Home Manufacturing Company? H'm. Well, this is John Homefolk, 26 B Street West. Say, I'm building a house tomorrow. Send out C. O. D. (Consults notebook.) 267AZ, 772BZ, BX549, 228QB, 1816M, 1113QV (and so on to end of list). Oh, yes. I'll have the vacuum cellar digger on the job early in the morning. Thanks. (Turns to wife.) There, that's done. Well, we may as well start packing, so we can move in first thing Monday.

(Sundown, next day)—Exterior of new section-built house of the Homefolks. Mr. and Mrs. H. enter, view house with satisfaction.

Mrs. H.—Oh, John! How nice it looks! See how well that 267AZ goes with 772BZ. Oh, I'm sure we shall like it.

John—Humph! If you don't like it, I'll get you another. (Both enter house.)

EPILOGUE

Enter Ex-Carpenter disguised as a factory automaton.

Ex-Carpenter—My ladies and gentlemen: You have just witnessed no feat of the imagination. 'Tis merely the dramatization of some proposals found in the report to the Regional Plan of New York by Grosvenor Atterbury, engineer and architect. Perhaps the idea of factory-built homes is inevitable in this day of mass production. Perhaps the day is dawning when houses will be bought as nonchalantly as automobiles. We have had experiments in glass houses, steel houses, cement houses, pressed wood houses and what-not houses, many of which have indicated a way of departure from the old wooden or brick homes of our forefathers. Now Mr. Atterbury recommends the formation of a housing institute to study possibilities in sectional, factory-built homes.

As a builder of custom-made houses—houses of individuality—a note of sadness may tinge my announcement. Nevertheless, when standardization reaches from the garage into the home, the benefits of mass production may be expected: homes may be cheaper and probably more serviceable, if less individual. 'Twill be in the assembling of factory-made sections that originality in future homes may be displayed, methinks.

Therefore, mind the moral that adorns this play. My ladies, my gentlemen: Scorn not Junior's building blocks!

(Curtain)

E. W.

From the World's Great Capitals—Berlin

BERLIN

Library to Be Sold at Auction

ONE of the most famous private libraries in Europe, the property of Prince Stolberg Wernigerode, in whose family it has been for many generations, is now, like numerous other treasures under the stress of time, to be sold at auction. The library contains 120,000 volumes, among them the largest collection of Bibles in Germany—3500 in all, no fewer than eighty-five of which date back to the time of Luther. There are 6250 Protestant hymn books and many other valuable specimens of literature, all of the Reformation period, but the greatest treasure is the "Locheiner Liederbuch," dating from the year 1448, if not earlier. This admirably preserved volume contains the first hand-written choral songs and some folk songs that are considered among the most beautiful of Germany's compositions. While it is hoped that the Reich may purchase at least a part of this collection, it is said that there is a greater probability of the most valued items being sold abroad.

Town More Than Balances Budget

At a time when dissatisfaction and depression are trying to gain the upper hand and when the balancing of budgets presents a difficult problem, comes the refreshing news from Siegen, a small, busy mining town in Germany's industrial district, that the budget there is not only balanced, but has a considerable surplus. The head burgomaster, Dr. Fissmer—whose name certainly deserves publicity—has produced his balance sheet for the past financial year which tells how this "miracle," as the Kölnische Zeitung terms it, came about. Thanks to thrift, caution and foresight on the part of the authorities, Siegen's surplus amounts to 58,691.59 marks, with an income of 7,831,774.81, and an expenditure of 7,773,083.22 marks. Not only this, but Siegen has the lowest additional taxes of any city in Prussia, and has also the first place among all Prussian towns in the matter of house building. Another distinguishing mark of this exemplary little city is that it is the birthplace of Rubens, whose parents lived there during their exile from their native city of Antwerp.

Buy Your Paper From Automaton

On the platforms of the Underground and local railways an attractive automatic machine in bright yellow easily catches the passenger's eye. It is the newspaper automaton, which is rapidly growing in popular favor. The front headings of certain widely read Berlin daily papers are displayed under glass; you drop a penny in the slot and immediately the paper you desire appears, neatly folded, on a tray at the bottom of the machine. The company and the inventor, who are both German, claim that this very convenient innovation is the first of its kind. On the opening days each newspaper contained a whimsical letter addressed to the reader, signed by "the automatic newspaper seller," asking for the purchaser's friendship, and promising, notwithstanding its extreme youth, strict attention and efficient service. The public have willingly accepted the friendly proffered hand.

Rail Restaurant Prices Reduced

One of the reductions in prices initiated by the Reichs Government which will be much appreciated is announced by the management of the Railway Company's restaurants. The reduction averages 15 per cent, so that it is now possible at any German railway station to obtain a substantial lunch of meat, with potatoes and vegetables, for 90 pfennigs (22 cents), and a more luxurious meal for just double that sum. The railway station restaurants throughout Germany bear an excellent name for both quality and service; that at Frankfurt, for instance, was formerly considered the equal of any first-class hotel, and it is probably as good today.

Garage Exposition Planned

Within the scope of the German Building Exhibition, to be held in Berlin during the coming summer, is to be an international garage exposition arranged by the German expert in this branch, Prof. George Müller, doctor of engineering. The public are to be enlightened upon all varieties of practical development and the overcoming of obstacles. There will be a technical section for the handling of fundamental problems and an industrial section exhibiting every kind of structure, interiors and installation, workshop management, service and, in fact, everything appertaining to the garage of the present and the future. The show, which will cover a great portion of the entire exhibition grounds, is already arousing international interest as being the first of its kind.

Letters to The Christian Science Monitor

Brief communications are welcomed, but The Christian Science Monitor Editorial Board must remain sole judge of their suitability, and this Board does not hold itself or this newspaper responsible for the facts or opinions presented. Anonymous letters are destroyed unread.

Lawyers and the Dry Law

TO THE CHRISTIAN SCIENCE MONITOR:

When a person is admitted to practice law, he is almost invariably required by the statutes of his state to take and subscribe an oath to support the Constitution of the United States.

A great many of the legal profession, and especially many of those engaged primarily in the defense of persons accused of crime, should take time to read this oath to which they have subscribed, and to study it with some of the avidity with which they seek to tear down the very Constitution they have sworn to support.

The practice of law is a special privilege granted only to those who at least have made a prima facie showing of their fitness to occupy this position of trust. Such a person is presumed to be of sound moral character, to appreciate the meaning of an oath, to be a law-abiding citizen, and a leader in his community.

It therefore behooves the legal profession to give considerable thought to laws of general public interest before making pronouncements which would cause general disregard and disrespect for law. And when a prominent member of that profession comes forward before a women's organization and attacks a section of the Constitution of the United States and states:

> Personally, I have been guilty of violating it [the Eighteenth Amendment], an action of which I am proud. I openly defy it; I flout it in every way; I encourage open rebellion against it!

it is high time for law-abiding citizens to get their eyes open to the conditions the country is facing.

The liquor interests, and those associated with it in various ways, have ever been outlaws, and have ever stood ready to thwart and evade any and every regulation. It was so in the days of legalized traffic, and is no worse now than then. Prohibition is not being violated by those who believe in temperance, but by liquor interests; and when a member of an honored profession, one sworn to uphold the Constitution and the laws of the land, deliberately exhorts the public to defy, flout and rebel against the law, he is doing the very thing that breeds violence and contempt for all law, for if your educated and specially privileged citizen can choose which law he will obey and which one he will refuse to obey, where will you draw the line?

It is not the Eighteenth Amendment that has given rise, as its critics allege, to gang warfare and caused vicious alliances between crime and politics, but it is the same old connection that liquor has always had with corruption, with the underworld. It is liquor that is the outlaw, and no man can play or work in the mire without getting smeared.

When the legal profession cleans its ranks of men who deliberately violate the law and openly encourage others to do so, then the public will have more confidence in public officials; then will the legal profession stand on that high plane of respect to which so many of its members are justly entitled. When the American Bar Association learns to refuse to allow itself to be a tool of a noisy minority of the legal profession, it can gain the support of the public and the great body of lawyers of the United States in the advancement of the ideals for which it was formed.

Kirkwood, Mo. J. L. MILLER.

"Protection" and Employment

TO THE CHRISTIAN SCIENCE MONITOR:

I have read with interest articles in the Monitor on the growth of opposition to free trade in Great Britain. It is true that there is among certain sections of the community a tendency to turn toward protection as offering a possible means of escape from economic difficulties. Also it is a common tendency to question one's policies at a time of difficulty or apparent failure, unless the understanding of fundamentals is sufficient to keep one's mind undisturbed.

Reduced to its simplest statement, what does protection set out to do? It assumes that a foreign nation, group or individual, by selling in the home market at a cheaper rate than similar goods can be produced by the home worker, is putting the home worker out of employment and depriving him of his livelihood. So it proposes to remedy this by depriving the foreigner of his means of livelihood in order to give it to the home worker. Has the foreigner, then, a less right to earn his livelihood than the home worker? The problem of unemployment cannot be solved by substitution of one unemployed person for another.

Why should this distinction be drawn between the so-called "foreigner" and the home worker that it should be considered a right thing to differentiate against the former? Many a home worker has to face exactly the same problem from competition in the home market and no demand for protection is made on his behalf. Many a small trader has been forced out of business through the competition of chain stores. There may be many adjustments of business methods necessary before full justice is guaranteed to all and these will surely follow from the recognition that all men throughout the world are children of one common Father. Then we shall never suggest that we might benefit ourselves at our brother's expense, and we shall never resort to retaliation in order to bring our neighbor to adopt a kindlier attitude toward us.

Bromley, Kent. F. C. ALLWORK.